



# Varun Kumar

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- <https://cloudavenue.in>

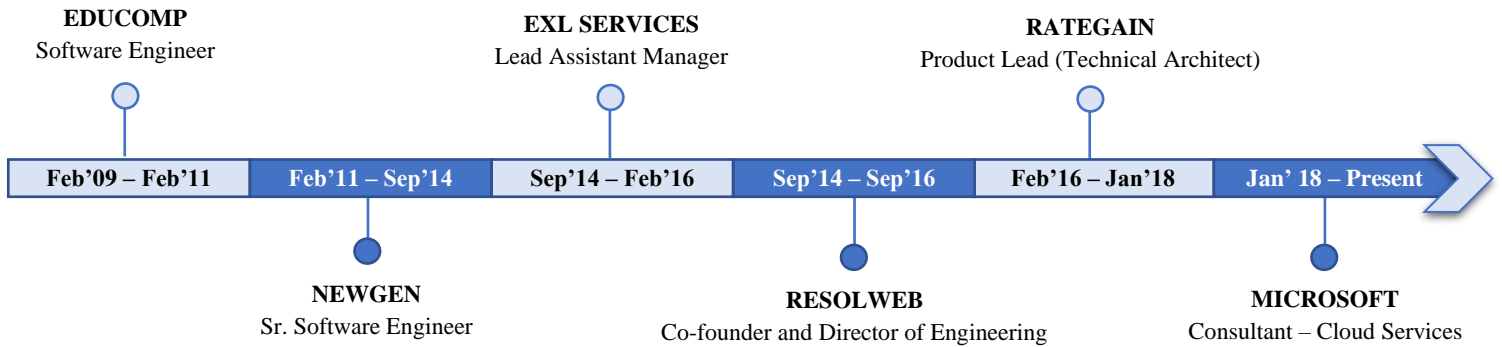


## TECHNICAL SKILLS

C#	Web API	Asp.net	
VB.net	VB6	AngularJS	
Azure Serverless	Azure PaaS		
AppInsights	Azure IOT Suite		
Log Analytics	Azure SignalR		
PowerBI	Amazon Redshift		
Glacier	Kinesis firehose		
Elastic Cache	SQS	EC2	
RDS	S3	Redis	SSRS
SQL Server	Oracle 11g		
MongoDB	SVN	Git	
Azure Devops	OCR		

- Experience in **design** and **implementation** of highly scalable **PaaS and Serverless solutions using Azure/AWS** cloud services and leading high-performance technical teams.
- Instrumental in architectural modelling and design activities by understanding business requirements from customer.
- Result oriented and focused with effective delivery management and communication skills.
- Demonstrated **leadership** capabilities, performing under immense pressure and building strong client relationships.
- Proven experience in managing geographically **distributed** teams in onshore-offshore split model.
- Vast experience in direct engagement with stakeholders at all levels including CxOs, MDs, Business owners, Architects, SMEs, Vendors, Consultants, and Designers etc.
- Led the end-to-end rollout of two full-scale software products in the worldwide marketplace.
- Exposure to storage and processing **big data** for data analysis.
- Preparing "**Proof of Concept**", product **demonstrations** and conducting technical **trainings**.
- Have a good understanding of implementing design patterns, SOLID principles, code optimization, performance optimization and database queries.
- Set up and successfully ran a software services and products startup, for two years before shutting it down.

## CAREER TIMELINE



## EDUCATION



**M.Tech Computer Science**  
Maharshi Dayanand University  
2015-2017

Department of Computer Science  
MERI College of Engineering



**B.Tech Information Technology**  
Punjab Technical University  
2005 - 2009

Department of Information Technology,  
Malout Institute of Management &  
Information Technology, Malout

## PUBLICATION

Varun Kumar and Himani Gupta (2017): "Performance Improvement of Map Reduce through Enhancement in Hadoop Block Placement Algorithm", International Journal of Computer Science and Mobile Computing, Vol.6 Issue.4, April 2017, pg. 389-396, ISSN 2320-088X, Impact Factor: 6.017

## CERTIFICATIONS

- [The Open Group Certified: TOGAF® 9 Certified](#)
- [Microsoft Certified: Azure Solutions Architect Expert](#)
- [Microsoft Certified Solutions Expert \(Cloud Platform\)](#)
- [Microsoft Certified Trainer](#)
- [Microsoft Worldwide Communities - SME](#)
- Microsoft Certified Solutions Associate
  - Architecting Microsoft Azure Solutions (70-535)
  - Developing Microsoft Azure Solutions (70-532)
  - Perform Big Data Engineering on Microsoft Cloud Services (70-776)
  - Developing SQL Databases (70-762)
  - Developing Microsoft Azure and Web Services (70-487)

## EXPERIENCE

**MICROSOFT**  
Jan, 2018 – Present

### Associate Architect - Cloud

Part of Enterprise Services team for the design and development of Cloud solutions.

- Providing consultancy and conducting workshops for Microsoft Services Customers.
- Analyze customer requirements and design solutions to meet business objectives.
- Develop proof of concepts to showcase product features to customers.
- Modernization of legacy customer applications to latest Microsoft technologies.
- Integration of software components with external business applications.
- Create and demonstrate reusable software components.
- Stakeholder management, Client handling and Vendor Management.
- Leading a geographically distributed team of 15-20 members, responsible for development and post-production maintenance and enhancements.
- Ensuring the code practices followed and quality gates met.
- Responsible to drive Knowledge sharing Sessions and MACH (campus Hires) technical readiness.
- Involved in organization level initiatives: SME for worldwide community, Internal hiring of FTE's and vendors, University hiring for ASPIRES, Mentor for various Programs.

### Projects:

03/20 – Present

- **RNA AvNext- Microsoft Connected Vehicle Platform– Renault and Nissan Alliance**

The RNA AvNext solution is a connected car platform providing smart services to the Smart car Customers of the Alliance. This allows provisioning of the devices attached in the car to the ANext, users to subscribe to services and then controlling the features of the car through remote devices. It also collects the huge volume of telemetry data from the car for troubleshooting and analysis.

01/18 – 02/20

- **Contact Management Platform – Thames valley police and Hampshire constabulary, UK**

CMP is the emergency management system, in joint collaboration of Thames Valley Police and Hampshire Constabulary, wherein the citizens of UK can report an Incident through call (999, 101), SMS and web portal. The application is developed on CRM dynamics with around 40 Integrations through Web API and Azure Service bus.

10/18 – 10/19

- **Safe Flight– Maple Leaf Food, Canada**

Safe Flight is Azure IOT based solution for MLF to advance the care of poultry during the transport from growing farms to processing plants. This will help MLF to reduce the overall Death on arrival rate by 50% with the help of real-time environment monitoring and advance analytics to alert drivers and central monitoring team.

**RATEGAIN**  
Feb, 2016 – Jan 2018

### Product Lead (Technical Architect)

Working on Product for Hospitality industry used by most of the Hotel Groups across the globe.

- Designed and Implemented highly scalable platform **using Azure Brokered Service, Redis Elastic Cache, Hangfire and Worker role** for high availability and distributed computing.
- Drove product plans, feature specifications, user experience, and partner relationships for product.
- Improved product performance using extensive post-production analytics.

RateGain is a product-based company that provides data analytics and BI services to hospitality and travel companies and helps them in better revenue generation.

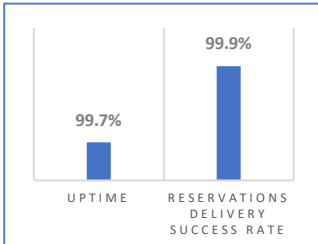


Hyper Mentor Award  
FY'20



**Star Performer** of the Quarter award for two consecutive Quarters.

04/17 – 01/18



### RESOLWEB

Sep, 2014 – Sep 2016

Resolweb was a Startup setup by me with 3 other partners to provide a complete array of application development, eCommerce and internet marketing solutions.

Also, two products: Integrated Resource Management and Resolweb Imaging.

### EXL SERVICES

Sep, 2014 – Feb, 2016

(NASDAQ: EXLS) is a leading provider of IT services, decision analytics, operation management, and technology platforms to organizations in insurance, healthcare, banking and financial, travel, and transportation among others.

11/14 – 01/16

- Conducting market research to understand consumer behavior and competition, and in utilizing post-production analytics and customer feedback to suggest re-alignment of roadmaps.
- Following agile practices and participating in backlog creation, sprint planning and daily SCRUM.
- Study & Embed latest technologies like **PaaS**, Signalr, **NOSQL**, brokered messaging, **SonarQube** etc. to enhance product capabilities.
- Handling and mentoring development team of 8-12 members and daily code review.

#### Projects:

- **Rezgain**

Rezgain is an online hotel channel manager and a highly scalable PaaS solution, working on Azure, that effectively automates the process of online rates and inventory distribution, near real-time, minimizing the hassles associated with overbooking and mismatched inventory.

- **PriceGain Hotels - Optima**

PriceGain Hotels Optima helps the clients in Hotel Industry across the globe (majorly in USA and Europe) to gain maximum revenue. The unique product collects data from multiple OTAs (such as Expedia, TripAdvisor) through **Web Crawling**, applies algorithms on the same and helps Hotels to decide on the revenue for each Room per night.

#### Co-founder and Director of Engineering

As a Director of Engineering, I was managing all the aspects of SDLC for the service projects as well company's products.

- Creating and mentoring high performance and technically sound team of developers and consultants.
- Leading all phases of SDLC right from requirement gathering to Project closure.
- Implementing and executing Agile Scrum practice.
- Driving product plans, feature specifications, user experience, and partner relationships for software product.
- Finding and recruiting the right talent for the projects.
- Project and Delivery Management.

#### Lead Asst. Manager

Working in ECM-deliveries for Leading Insurance and Healthcare companies in US.

- Understand client's goals and their unique business needs with respect to Document Imaging & related products/platform implementation and develop solution.
- Provide strong technical understanding of the Mailroom Operations, eFax, email etc with the ability to discuss and demonstrate how they can integrate to meet client's business needs.
- Preparing "**Proof of Concept**" and provide demonstrations of the optimization of processes and practices using technology like **OCR**, **ICR**, **automated classification**, Document Processing etc.
- Acted as a Scrum Master multiple times conducting daily SCRUM meetings, maintaining the product backlog, holding sprint reviews etc.
- Organize various learning sessions for the entire firm globally via online virtual meetings.
- Managing Exl's relationship with vendors to ensure teams within EXL are using the best technology and have access to the training material they need to excel at their deliverables.
- Enforce Information security policies among team for sensitive data protection.

#### Projects:

- **Genworth Insurance, USA (OCR based system for Automated classification and processing)**

It's an OCR based system to extract electronic data from documents, sent by GNW customers, for different LOB via multiple mediums: Email, eFax and US Postal Services. The physical documents are scanned at MRO located in USA. Classification of documents is done automatically in order to identify the type (e.g. claim, VA etc).

04/15 – 02/16

• **American Express, Global Business Travel (AICS- Automated Imaging and Conversion Solution)**

It's an Exl product used by American Express (GBT) and few other clients. It provides direct integration with Outlook, SMTP, Exchange Server, SFTP and custom database. It reads email, extracts & filter attachments, download eFax and convert those into OCR enabled Tiff Images with vast parameters to customize like DPI, Compression technique, filter attachment types, multi/single page tiff images, document types (word, pdf, excel etc)

**NEWGEN**

**Feb, 2011 – Sep, 2014**

Newgen Software Technologies was founded in 1992 and is the market leader in Business Process Management (BPM) and Enterprise Content Management (ECM).



Letter of appreciation from multiple international clients for handling onsite project.

04/11 – 08/11

[1.5 months on-site]

**Sr. Software Engineer**

Worked in banking domain, on various bank payment solutions such as CTS, EFT, PDCMS DDS etc. for various international banks including Bramer banking corporation [Mauritius - onsite], Imperial bank [Kenya and Uganda - onsite], RAK Bank [UAE], PBL [Ghana], HSBC, Bank of America etc.

- Worked closely with International clients for requirement gathering, analyzing & development of banking solutions.
- On-site system study, deployment and integration with the other banking systems (including core banking, Internet Banking) for various international banks.
- Understanding the requirement mentioned in the FSD and developing application (design and coding).
- Working as an SME and consultant and providing technical solution for various banking problems.

**Projects:**

• **Bramer Banking Corporation, Mauritius (Image based cheque clearing system)**

Image based cheque-clearing system or CTS is an online clearing system where cheque images and Magnetic Ink Character Recognition (MICR) data are captured at the collecting bank branch and transmitted electronically.

My role was to design & code the project and implementation of the same on client side in Mauritius.

09/11- 01/13

[7.5 months on-site]

• **Imperial Bank, Kenya and Uganda – Bank Payment Solutions**

Electronic funds transfer system (EFT) is the electronic system for the transfer of money from one account to another, either within a single financial institution or across multiple institutions, through computer-based systems.

I was involved in the entire SDLC of the project and interaction with client for requirement understanding and following the change requests.

02/13 – 01/14

[7 months on-site]

• **HSBC (Image based cheque clearing system and OCR based extraction)**

I was involved in the database and architectural design of the project as per the existing system, development and implementation of the same on client side in Mumbai.

02/14 – 08/11

[3 months on-site]

• **Prudential Bank, Ghana (Image based cheque clearing system)**

**EDUCOMP**

**SOLUTIONS LTD.**

**Feb, 2009 – Feb, 2011**

**Executive Software Engineer**

- Analyzing business requirements and transforming raw requirements into core technical requirement.
- Responsible for Low Level Design and versioning of the documents and code using Visual Source Safe.
- Transforming technical requirements into software product/ application [Coding].
- Preparing reports and participating in quality management activities.
- Unit testing and conducting peer code review exercise.



**Director's Special Award.**

