



Varun Kumar

Sr. Solution Architect @ Calyx.ai

Ex- Microsoft | Pursuing SMP, IIM-A

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<http://linkedin.com/in/varun-kumar-64576825>

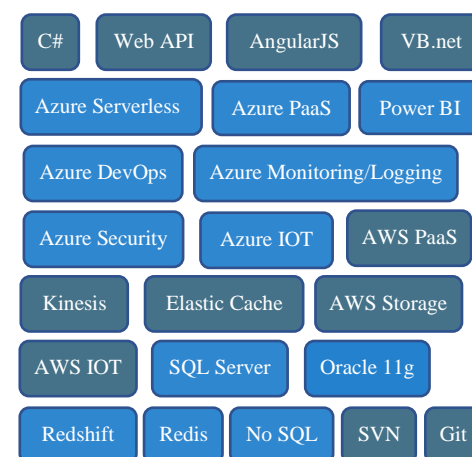
<http://varunkumar.in>

<https://cloudavenue.in>

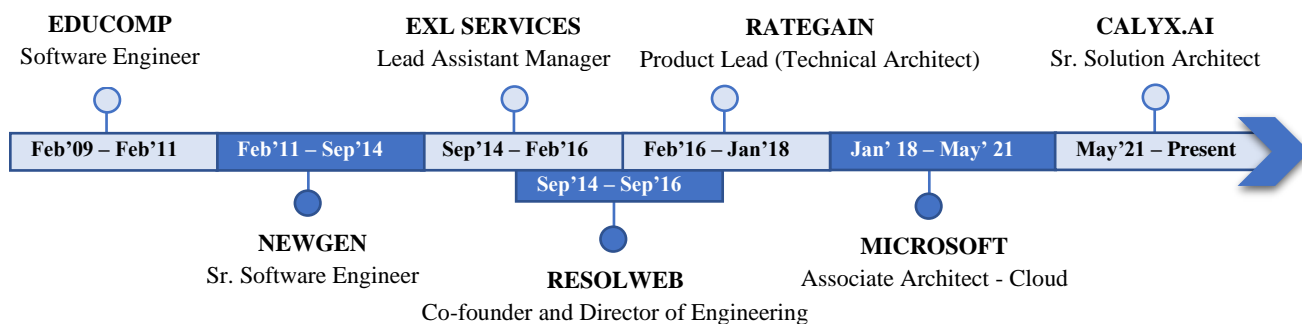


- Proven experience in leading and managing experienced resources and large (up to 120) geographically **distributed** teams of architects, developers and DevOps/SRE engineers.
- Vast experience in **design** and **implementation** of highly scalable **PaaS and Serverless solutions using Azure/AWS** cloud services and leading high-performance technical teams.
- Experienced in **Recruiting, Team Building, Mentoring, Succession Planning** and Disciplining Architects and Managers.
- Demonstrated **leadership** capabilities, performing under immense pressure and building strong client relationships.
- Vast experience in direct engagement with stakeholders at all levels including CxOs, MDs, Business owners, Architects, SMEs, Vendors, Consultants, and Designers etc.
- Result oriented and focused with effective delivery management and communication skills.
- Instrumental in architectural modelling and design activities by understanding business requirements from customer.
- 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 industry standard design patterns, SOLID principles, code optimization, performance optimization and database queries.

SKILLS



CAREER TIMELINE



EDUCATION



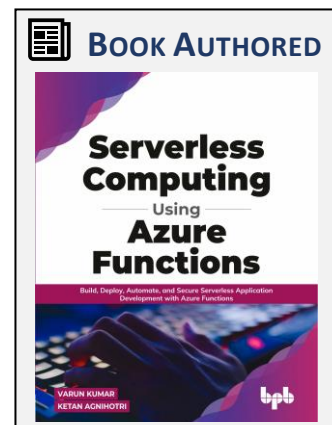
Senior Management Programme
 Indian Institute of Management
 Ahmedabad (Pursuing)
2021-2022
 IIMA Executive Education



M.Tech Computer Science
 Maharshi Dayanad University
2015 - 2017
 Department of CSE
 MERI College of Engineering



B.Tech Information Technology
 Punjab Technical University
2005 - 2009
 Department of Information Tech.
 Malout Institute of Management &
 Information Technology



PUBLICATION

"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.

CERTIFICATIONS

- [The Open Group: TOGAF® 9](#)
- [Microsoft: Azure Solutions Architect Expert](#)
- [Microsoft: Solutions Expert \(Cloud Platform\)](#)
- [Microsoft: DevOps Engineer Expert](#)
- [Microsoft Certified Trainer](#)
- [Microsoft Worldwide Communities - SME](#)
- [Azure Developer Associate \(AZ-204\)](#)
- [Big Data Engineering on Microsoft Cloud Services \(70-776\)](#)
- [Developing SQL Databases \(70-762\)](#)
- [Developing Microsoft Azure and Web Services \(70-487\)](#)

EXPERIENCE

CALYX.AI
May, 2021 – Present

Sr. Solution Architect / Sr. Manager

Responsible for the Cloud Transformation journey of the product line in Healthcare (clinical research) domain.

- Managing a team of Senior Architects and Engineers responsible for the Cloud transformation of existing products.
- Responsible for Technical Design Reviews, participating in ARB and Steering committee.
- Enabling cross-product design and deliveries.
- Stakeholder management, Client handling, Partner and Vendor Management.
- Leading the Communities of Practice initiatives within the organization.

MICROSOFT
Jan, 2018 – May, 2021

Associate Architect - Cloud

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

- Leading a geographically distributed team of 80-120 members, responsible for design, development and post-production maintenance and enhancements.
- Stakeholder management, Client handling, Partner and Vendor Management.
- Modernization of legacy customer applications to latest Microsoft technologies.
- Analyze customer requirements and design solutions to meet business objectives.
- Providing consultancy and conducting workshops for Microsoft Services Customers.
- Develop proof of concepts to showcase product features to customers.
- Integration of software components with external business applications.
- Create and demonstrate reusable software components.
- 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

- **Microsoft Connected Vehicle Platform– Renault, Nissan and Mitsubishi 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.

 Hyper Mentor Award
FY'20 and Mentor Gold
FY'21.

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

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.



Star Performer of the Quarter award for two consecutive Quarters.

• **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.
- 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:

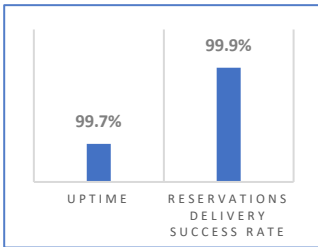
• **RezGain - Smart Hotel Channel Manager**

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.

• **Optima- Real-Time Rate Intelligence Platform**

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.

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

• **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.

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.

• **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.

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.

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

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.

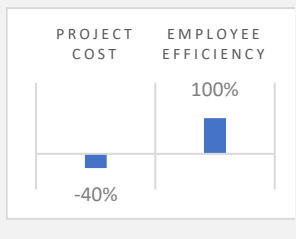
Projects:

- **Bramer Banking Corporation, Mauritius (Image based cheque clearing system)**
- **Imperial Bank, Kenya and Uganda – Bank Payment Solutions**
- **HSBC (Image based cheque clearing system and OCR based extraction)**
- **Prudential Bank, Ghana (Image based cheque clearing system)**

EDUCOMP SOLUTIONS
Feb, 2009 – Feb, 2011



Director's Special Award.



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.