

Aditya Kumar

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TECHNICAL SKILLS

- **Programming Languages:** Java, Golang, Typescript, Javascript
- **Frameworks:** Spring Boot, Express.js
- **Web Development:** NodeJS, ReactJS, VueJS, HTML, CSS
- **Cloud Technologies:** AWS (EKS, Lambda, S3), GCP, Serverless, Terraform, Kubernetes, Docker, CI/CD, Prometheus, Grafana, Shell Scripting
- **Industry Skills:** Software Development Life Cycle, Web Development, Database Management, Agile Methodologies, Microservices Architecture, Object Oriented Programming, Data Structures, Algorithms, NoSQL databases

PROFESSIONAL EXPERIENCE

MiRus, LLC

Gurugram, India

Full Stack Developer

03/2022-Present

- Orchestrated 100% automated AWS Terraform Infrastructure as Code (IaC) setup for GALILEO™ Surgical Planning.
- Crafted and integrated frontend components and modules using Vue.js with TypeScript, enhancing user interface and experience.
- Developed backend services for GALILEO™ RPM with Java 17 and Spring Boot, resulting in a 50% performance improvement.
- Designed and implemented next-generation SaaS applications, leveraging a polyglot of technology for powerful, highly scalable, and reliable solutions.
- Participated in code reviews and contributed to continuous improvement and operational excellence.
- Ensured adherence to software development best practices and contributed to internal and external documentation.
- Shared knowledge and helped the team evolve best practices in software development.

MACQUARIE GLOBAL SERVICES PVT LTD

Gurugram, India

Senior Associate

11/2019-02/2022

- Devised a comprehensive Serverless (AWS Lambda) solution, boosting operational efficiency by 60% and achieving a 40% cost reduction.
- Created a self-service (CI/CD) portal, leading to 95% automation for other teams, reducing complexity by 90%, and increasing performance by 85%.
- Orchestrated migrations from on-prem to AWS Cloud, enhancing data security and scalability, reducing downtime by 98%, and increasing overall efficiency by 50%.
- Deployed Kubernetes-based architectures on Amazon EKS, using Gloo Microgateway for efficient traffic management and enhanced security.
- Designed and deployed ArgoCD architecture for Kubernetes GitOps and continuous deployment, streamlining workflows and ensuring consistent application delivery.
- Received multiple 'Reward and Recognition Awards' and 'Spot Awards' at the Asia level for exceptional performance and contributions.

NEWGEN SOFTWARE TECHNOLOGIES

Gurugram, India

Software Engineer

07/2018-10/2019

- Spearheaded intricate third-party integrations, elevating project functionality as a core development team member.
- Authored new functionalities in an automation tool, reducing manual boilerplate code writing by 90%.
- Honored with an Excellence Award for outstanding contributions to the project in February 2019.
- Implemented critical functionality for a project, enabling 100% automated generation of custom Excel sheets.

PROJECTS

go-struct-validator

Authored Go Struct Validator, a straightforward validation tool based on the core OpenAPI Specification (OAS). Facilitates the creation of generic structs and ensures comprehensive validation according to OAS standards.

- Collaborated and maintained various utility functions for struct validations.
- Actively contributed to the Golang community through regular updates and documentation enhancements.
- [Project Link](#)

EDUCATION

YMCA UNIVERSITY OF SCIENCE AND TECHNOLOGY

Faridabad, India

Bachelor of Technology, Major in Information Technology with 3.52 GPA

2014-2018