

JAYARAM UDAY MARALI

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[Associate Cloud Engineer](#) | [AWS Certified Solutions Architect - Associate](#)

SKILLS

- Dart, JavaScript, Flutter, React, Redux, Node.js, Express.js, HTML5, CSS3
- GCP, Docker, Kubernetes, Terraform, CI/CD, Pub/Sub, VPC, IAM, Load Balancing, REST APIs
- MongoDB, MySQL, Firebase, SQLite, Git, Github, postman, Microservices, Distributed Systems

Work Experience

Agaamin Technologies: *Software Engineer*

Sept 2024 – Feb 2025

- Architected a scalable server-side infrastructure for a mobile application using Agile methodologies, which supported new features and led to a 30% improvement in user engagement.
- Integrated Nostr protocol for a decentralized real-time messaging system with end-to-end encryption, generating a 40% increase in daily active conversations and enhanced security protocols.
- Engineered a custom domain registration system by building APIs to connect university email accounts with free domain provisioning services, driving a 25% growth in platform adoption.
- Instrumented CI/CD pipelines with Cloud Build and Container Registry, shrinking release cycles 40% while ensuring zero-downtime rollouts.

Appfoster Technologies: *Software Engineer*

Feb 2024 – Aug 2024

- Delivered comprehensive Flutter-based HRMS platform managing payroll and leave tracking workflows for 200+ employees, improving operational efficiency by 35%.
- Optimized API performance by implementing caching mechanisms, pagination strategies, and asynchronous processing, reducing system response times by 30%.
- Containerized micro-services with Docker and orchestrated staging on GKE, cutting cloud costs 18%
- Fortified application reliability by implementing automated testing frameworks and SonarQube static code analysis, decreasing post-deployment defects by 20%.

Benciti Technologies: *Software Developer*

May 2022 – Aug 2022

- Developed a NudgeMath educational platform with real-time error detection, used by 2000+ students.
- Refactored the core math engine to validate logical steps and provide instant feedback, processing over 100,000 submitted solutions with categorized error tracking and accuracy analytics.
- Crafted interactive mobile learning solution utilizing adaptive guidance algorithms, reducing average time from 8 to 4 minutes and enhancing conceptual understanding methodology.

Projects

[Realtime Social News Platform](#) - Developed a social news platform using Hono, Tanstack, and Drizzle ORM Supported with infinite scrolling, advanced caching, and real-time updates under 200ms latency.

[Flutter-based HRMS System](#) - Built an HR management system for 500+ employees. Automated payroll, attendance tracking, and leave management workflows handling 1,500+ transactions monthly.

Education

BML Munjal University || Delhi, India

Aug 2020 – Sept 2024

B.Tech. Computer Science and Engineering

Relevant Coursework: Data Structures and Algorithms, Operating Systems, Cloud Computing, Software Engineering, Database Management, Object-Oriented Programming, Communication.

CERTIFICATIONS & AWARDS

- Finalist, Smart India Hackathon 2023 & Winner, Robotics Winter of Code BMU (Ranked 1/42)
- [Certified GitHub Foundations](#)