
SUMMARY

Software Engineer with 4+ years building distributed systems, scalable APIs, and cloud infrastructure across enterprise and research platforms. Experienced in owning backend architecture, CI/CD automation, and full-stack delivery for systems serving 200+ users on GCP, AWS, and Azure. Track record of improving system reliability, reducing latency, and delivering for enterprise clients, including Amazon and Puma.

PROFESSIONAL EXPERIENCE

Software Developer | VersionX Innovations | Bengaluru, India

Jan 2021 – Apr 2023

- **Architected** 15+ REST APIs via Express/Node.js microservices, powering enterprise workloads for 200+ concurrent users across 5+ client integrations.
- **Decomposed** 3 monolithic services into 12+ modular components, improving fault isolation and cutting average deployment time by 40%.
- **Containerized** 10+ backend services using Docker, reducing environment-related deployment failures by 60%.
- **Drove** code and system health initiatives, improving system uptime from 97% to 99.5% across 3 engineering teams.
- **Optimized** API performance for 100+ enterprise users, reducing latency by 30% via bottleneck profiling; leveraged GitHub Copilot to accelerate development velocity.
- **Built** real-time dashboards and data-driven UI components in React with Firebase and SQL-backed APIs, improving data visibility for 200+ enterprise users across 3+ client platforms.
- **Led** development and delivery of enterprise security solutions for clients, including Amazon and Puma, building threat detection systems and face recognition attendance tools with RFID hardware integration.
- **Managed** end-to-end project delivery for a London-based security client, coordinating tech and testing teams via Asana, contributing to development, and achieving successful client sign-off.
- **Spearheaded** Agile sprint planning for a 5-person team, mentored 3-4 junior developers, and delivered 12 critical features across 6 consecutive release cycles on schedule.

Cloud Computing Developer | Oregon State University | Corvallis, OR

May 2025 – Present

- **Validated** end-to-end FaaS workflow execution across Python and R runtimes on GitHub Actions and MinIO, ensuring correctness of multi-step orchestration pipelines.
- **Diagnosed** and resolved serverless container failures, tracing dependency conflicts, S3 transfer errors, and inter-step state corruption, reducing pipeline incident resolution time by ~40%.

Software Engineer | Adani | Bengaluru, India

Jul 2019 – Dec 2020

- **Orchestrated** multi-phase AngularJS → Angular 12 migration across 8 enterprise logistics modules, cutting bundle size by ~30% and reducing page load time by 2s.
- **Resolved** JVM memory bottlenecks via JProfiler and VisualVM, optimizing GC cycles and reducing backend response time by ~28% in production.
- **Performed** large-scale systems data analysis to remediate 20+ critical system bottlenecks using profiling tools, improving throughput by 25%.
- **Streamlined** CI/CD pipelines using Jenkins and GitHub Actions, automating 15+ deployments per sprint, cutting release cycle time by ~40%, and saving 6+ hours weekly.

IAM Assistant | Oregon State University | Corvallis, OR

Feb 2024 – Mar 2025

- **Automated** user lifecycle workflows in Python and Bash, eliminating 15+ manual steps and reducing access-related incidents by 14/month; secured 200+ requests via OAuth 2.0 and TLS.
- **Transitioned** ITSM workflows from TeamDynamix to ServiceNow, increasing system performance and audit traceability.

PROJECTS

- **E-commerce Test Automation:** Modular Selenium framework validating 50+ UI workflows and 100+ API endpoints; reduced regressions by 80% via GitHub Actions + Jenkins.
- **Subscription Management:** Full-stack Angular + Firebase platform with real-time analytics dashboards; reduced API load by 25% via GraphQL optimization.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL, Java, R, C#

Frameworks: React, Angular, Node.js, Express, Spring Boot, Flask, .NET Core

Cloud & Infra: GCP, AWS, Azure, Docker, Kubernetes, Terraform, Jenkins, GitHub Actions, MinIO

Databases: PostgreSQL, MySQL, MongoDB, SQL Server, DynamoDB, Elasticsearch

AI / ML & Data: LangChain, OpenAI API, GitHub Copilot, Pandas, Kafka, ETL Pipelines, REST, GraphQL

Observability / Methods: Grafana, Prometheus, Splunk, OAuth 2.0, TLS, IAM, Agile, Scrum, Jira, TDD

EDUCATION

Master of Science in Computer Science | Oregon State University | Corvallis, OR

Sep 2023 – Mar 2025

B.Tech. in Information Science and Engineering | Jain University | Bengaluru, India

Aug 2016 – Jul 2020