

Full-Stack / Backend Engineer | Cloud Applications | Software Developer | Systems Developer

KNOWLEDGE & TECHNICAL SKILLS

Generalist with 10+ years of experience in software engineering, web development, cloud (AWS), and system development. I adapt to job requirements quickly and implement systems that are well-documented, maintainable and scalable.

Languages: Java (Spring Boot), JavaScript/TypeScript (Node.js, Express), Python, C++

Backend & APIs: REST APIs, Microservices Architecture, Kafka, Event-driven architecture, Serverless

Cloud & DevOps: Kubernetes, Docker, CI/CD (Jenkins), Terraform, AWS (ECS, EKS, Lambda, CloudFormation)

Databases & Messaging: PostgreSQL, MSSQL, MongoDB, DynamoDB, Hive

Testing & Build: JUnit, Cucumber, Jest, Maven, Gradle

Collaboration & Methodologies: Agile, JIRA, Confluence

PROFESSIONAL EXPERIENCE

SoftQuip Technologies, CA

04/2025 to Present

Systems Development Engineer

- Developed internal tools and backend using Spring Boot, Spring Cloud, and PostgreSQL.
- Refactored architecture into microservices and orchestrated workloads with Docker and Kubernetes.
- Automated infrastructure deployment with Terraform and CloudFormation.
- Monitored system performance and debugged issues with AWS CloudWatch.
- Built CI/CD pipelines with Jenkins.
- Integrated Kafka pipelines for real-time data processing and event-driven workflows.
- Collaborated cross-functionally to deliver scalable solutions.

Amazon Web Services, CA

01/2023 to 02/2025

System Development Engineer L5

- Enhanced and scaled Fraud Handling capabilities for AWS Glue using CloudFormation, Lambda, ECS, and other AWS services.
- Developed backend microservices using Spring Boot, deployed on container platforms including Kubernetes (EKS) for improved scalability and management.
- Used JUnit and Cucumber for unit and integration ensuring code coverage.
- Worked on providing compute resources to customer-facing services on a scale of over 100,000 instances per day, with multiple usage and latency profiles.
- Owned security patching VM fleets used to host internal APIs for AWS Glue.
- Worked on automating deployment of AWS Glue service to new AWS regions by building infrastructure, deploying services and tests, setting up alarms, and monitoring health.
- Worked in a robust CI/CD environment, managing multiple pipelines and executing deployments.
- Collaborated daily with engineers and TPMs from multiple global teams.

Astreya Partners LLC (at Meta), CA

09/2021 to 12/2022

Data Engineer III

- Designed and implemented internal process improvements: automated manual processes, optimized data delivery, and redesigned infrastructure for scalability.
- Set up optimal extraction, transformation, and data loading from various data sources.
- Developed analytics tools and dashboards to deliver actionable insights into network capacity utilization and demand forecasts.
- Collaborated with stakeholders to identify and resolve data consistency issues.
- Participated in Agile workflows using JIRA and Confluence.

FleetCor Technologies Inc., CA

09/2020 to 09/2021

Front-End Developer

- Worked on creating an online credit card management system to enhance user experience and streamline workflows.
- Designed, built and owned parts of a reactive front-end framework similar to ReactJS.
- Refactored legacy code to enhance maintainability and scalability.
- Added test coverage to existing and new codebase using Jest.
- Streamlined Login and New User Registration workflows using OAuth.
- Worked with Design, API, Network, and QA teams under Agile, with Jira, Confluence and Figma.

Odoo Inc., CA

10/2018 to 01/2020

Full-Stack Developer

- Designed and developed client solutions using Odoo open-source framework.
- Migrated and onboarded data and code of clients from legacy systems into Odoo.
- Independently managed projects and framework modules.
- Conducted quarterly technical training sessions for a global audience, generating \$5,000 per attendee.
- Presented at Odoo Connect (annual conference) on External API capabilities.
- Contributed to revenue growth exceeding \$100,000/year from billed hours and recurring projects.

University of Nevada, NV

08/2016 to 10/2018

Research Assistant (Advised by Dr Feng Yan)

- Partnered with NetApp Inc. to predict disk failures in data centers.
- Analyzed disk failures in real-world big data storage systems on a one-year time series data set.
- Performed spatial and temporal characterization of various failure types.
- Developed disk failure prediction algorithms, and tested them on a custom-built simulator.

CA Technologies, Telangana, India

12/2015 to 07/2016

Full-Stack Web Developer

- Developed a web-based survey platform to publish quarterly surveys and aggregate results.
- Independently led full life cycle: requirements, design, development, testing, and deployment.
- Built backend and API with Node.js (Express), MongoDB, and Active Directory for authentication and role management.
- Created responsive UI with ReactJS, Bootstrap, and SCSS.
- Rapidly learned the tech stack and delivered phased functionality checkpoints to product owners.

FactSet Research Systems, Telangana, India

07/2011 to 11/2015

Senior Engineer

- Developed and maintained a Python framework for automated test orchestration and analysis.
- Integrated with other internal REST/SOAP APIs.
- Developed a web application using PHP, MSSQL, and jQuery for QA teams to schedule and monitor tests, and view results.
- Reduced manual QA time by over 60%, leading to significant increase in test coverage.
- Interviewed, trained, and mentored new hires.
- Consistently recognized for outstanding performance.

EDUCATION

University of Nevada, Reno, NV

2018

MS Computer Science & Engineering

Jawaharlal Nehru Technological University Hyderabad

2011

BTECH., Computer Science & Engineering