

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.

**Astrea 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.

<b>FleetCor Technologies Inc., CA</b>	<b>09/2020 to 09/2021</b>
<b>Front-End Developer</b>	
<ul style="list-style-type: none"> <li>• Worked on creating an online credit card management system to enhance user experience and streamline workflows.</li> <li>• Designed, built and owned parts of a reactive front-end framework similar to ReactJS.</li> <li>• Refactored legacy code to enhance maintainability and scalability.</li> <li>• Added test coverage to existing and new codebase using Jest.</li> <li>• Streamlined Login and New User Registration workflows using OAuth.</li> <li>• Worked with Design, API, Network, and QA teams under Agile, with Jira, Confluence and Figma.</li> </ul>	
<b>Odoo Inc., CA</b>	<b>10/2018 to 01/2020</b>
<b>Full-Stack Developer</b>	
<ul style="list-style-type: none"> <li>• Designed and developed client solutions using Odoo open-source framework.</li> <li>• Migrated and onboarded data and code of clients from legacy systems into Odoo.</li> <li>• Independently managed projects and framework modules.</li> <li>• Conducted quarterly technical training sessions for a global audience, generating \$5,000 per attendee.</li> <li>• Presented at Odoo Connect (annual conference) on External API capabilities.</li> <li>• Contributed to revenue growth exceeding \$100,000/year from billed hours and recurring projects.</li> </ul>	
<b>University of Nevada, NV</b>	<b>08/2016 to 10/2018</b>
<b>Research Assistant (Advised by Dr Feng Yan)</b>	
<ul style="list-style-type: none"> <li>• Partnered with NetApp Inc. to predict disk failures in data centers.</li> <li>• Analyzed disk failures in real-world big data storage systems on a one-year time series data set.</li> <li>• Performed spatial and temporal characterization of various failure types.</li> <li>• Developed disk failure prediction algorithms, and tested them on a custom-built simulator.</li> </ul>	
<b>CA Technologies, Telangana, India</b>	<b>12/2015 to 07/2016</b>
<b>Full-Stack Web Developer</b>	
<ul style="list-style-type: none"> <li>• Developed a web-based survey platform to publish quarterly surveys and aggregate results.</li> <li>• Independently led full life cycle: requirements, design, development, testing, and deployment.</li> <li>• Built backend and API with Node.js (Express), MongoDB, and Active Directory for authentication and role management.</li> <li>• Created responsive UI with ReactJS, Bootstrap, and SCSS.</li> <li>• Rapidly learned the tech stack and delivered phased functionality checkpoints to product owners.</li> </ul>	
<b>FactSet Research Systems, Telangana, India</b>	<b>07/2011 to 11/2015</b>
<b>Senior Engineer</b>	
<ul style="list-style-type: none"> <li>• Developed and maintained a Python framework for automated test orchestration and analysis.</li> <li>• Integrated with other internal REST/SOAP APIs.</li> <li>• Developed a web application using PHP, MSSQL, and jQuery for QA teams to schedule and monitor tests, and view results.</li> <li>• Reduced manual QA time by over 60%, leading to significant increase in test coverage.</li> <li>• Interviewed, trained, and mentored new hires.</li> <li>• Consistently recognized for outstanding performance.</li> </ul>	

## EDUCATION

<b>University of Nevada, Reno, NV</b>	<b>2018</b>
MS Computer Science & Engineering	
<b>Jawaharlal Nehru Technological University Hyderabad</b>	<b>2011</b>
BTECH., Computer Science & Engineering	