Vinay Chunchu

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Skilled software engineer with 11+ years' experience in the full SDLC process in creating and maintaining software applications.

Experience

Delivery Consultant ~ Amazon Web Services (AWS): Dec 2025 – Present
- Leading enterprise application modernization and cloud migration initiatives for AWS clients in Education and local Government sector.
- Designing cloud-native architectures and migration strategies aligned with business and technical goals using AWS Well Architecture Framework.
- Collaborating with cross-functional teams to deliver successful, large-scale cloud transformations that drive measurable business value.

Senior Engineer ~ Saika Technologies (Client - Fannie Mae): Nov 2021 – Dec 2025
- Designed and developed 5+ back-end RESTful HTTP microservices, enhancing the Fannie Mae Loan application underwriting process, leveraging a custom chassis framework, Spring Boot, AWS DynamoDB, and Kinesis Streams.
- Spearheaded the Dark Launch microservice, comparing outputs from legacy applications with new UWT microservices, achieving a 40% improvement in real-time monitoring effectiveness.
- Optimized a RESTful microservice, enabling the generation of user-friendly PDFs with loan application insights, improving customer satisfaction by 30%.
- Developed AWS Lambda functions in Python for loading reference data into DynamoDB, enhancing data retrieval speeds by 50% for critical loan processing applications.

Senior Engineer ~ Saika Technologies (Client - VISA / Cyber Source): Jan 2021 – Oct 2021
- Enhanced **10+ Java/J2EE microservices** supporting high-volume, real-time payment transactions.
- Implemented custom **ISO message standards**, increasing transaction success rates by **20%**. Built reusable JAX-RS components with **auto-failover and batch processing**, reducing downtime by **30%**.
- Led containerized deployments using **Docker, Kubernetes, and Helm**, cutting deployment time by **40%**.
- Spearheaded the deployment of microservice components using Docker, Kubernetes, and Helm, achieving a 40% reduction in deployment times and enhancing scalability across user-defined environments.

Java Developer ~ Saika Technologies (Client - AT&T / Payments): Dec 2019 – Jan 2021
Java Developer ~ Saika Technologies (Client - AT&T / DMaaP): Oct 2018 – Dec 2019
Java Developer ~ Saika Technologies (Client - AT&T / GDDN): July 2015 – Oct 2018
- Developed the Message Router, a high-throughput pub/sub service using Kafka, Zookeeper, Spring, and Jetty.
- Designed and deployed multi-node Kafka clusters, improving reliability and performance by 30%.
- Migrated REST services to Azure, improving deployment efficiency by 25%.
- Engineered AKS-based JMS Bridge with custom failover, reducing downtime by 40%.

Full Stack Developer ~ Saika Technologies / Track board: Dec 2014 – July 2015
Support Intern ~ INFYC: May 2011 – Aug 2012
- Implemented and developed a full stack time tracking application, which is easy to use, fast, and reliable using Java, Spring Boot, React JS, and Node JS for telecom business.

Skills

Programming Languages

Java, Python, HTML, CSS, JavaScript, XML, Shell, SQL

Frameworks & Libraries

Spring, Hibernate, J2EE (JMS, JAX-RS, JDBC, JNDI, JUNIT), Itext, JSON, XML, Mockito, Power Mock, Cucumber, Karate, Node.js, React.js, Boto3, Pandas

Tools & Technologies

Web Services, RESTful, Solace Systems, Apache Kafka, Apache Zookeeper, Tomcat, Jetty, STS, Eclipse, SQL Developer, Post Man, JMeter, Maven, Nexus, Jenkins, Docker, Git, SolAdmin, Jet Brains IntelliJ, SONAR, Vera code, JConsole, Docker, Kubernetes, Helm, MySQL, Oracle, Golden Gate (Oracle), Vertica, MongoDB, Cassandra DB, Dynamo DB

Operating Systems

MacOS, Windows XP,7,8,10,11, UNIX, Linux (Debian and RHEL)

Cloud / CICD Technologies

AWS, Azure, Docker, Kubernetes, Ansible, Jenkins, Helm, Splunk

Education

Silicon Valley University ~ Dec 2014
Masters in Computer Science and Technology

Andhra University ~ August 2012
Bachelor's Engineering in Electronics and Communication Engineering