Raja Chandrasekar

Senior Software Engineer

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11+	15+
Years of Experience	Projects

TECHNICAL SKILLS

Languages

Java • Scala • SQL • JavaScript • Node.js

Frameworks

Spring • Spring Boot • Hibernate • JUnit

Databases

MySQL • Oracle • Cassandra • MongoDB
DynamoDB • Neptune

Cloud Platform

AWS [25+ Services] • Azure [Fundamentals]

Methodologies

Waterfall • Agile [Scrum, Kanban, FDD]

DevOps

Maven • sbt • Git • Bitbucket • GitLab CI/CD
Jenkins • Docker • Shell Script • Terraform
CloudFormation • Agile-Jira

DevSecOps

SonarQube • Checkmarx • Snyk • Twistlock
Gitleaks • DivvyCloud

Observability and Monitoring

New Relic • AWS CloudWatch • PagerDuty
Grafana • Prometheus • ELK Stack

Other Systems & Tools

MQ [Kafka, RabbitMQ] • API [REST, GraphQL]
Akka Streams • JMeter • Gatling • IntelliJ

Domain Knowledge

Banking • Finance • Education • Publishing

ABOUT ME

Hello, I am a passionate and highly enthusiastic about building an excellent software that makes the life of the user simpler and put a smile on their face. Expertise in frontend and backend development, with a focus on creating seamless user experiences and delivering high-quality code in a test-driven environment. Skilled at managing and optimizing the infrastructure resources in cloud using a broad range of AWS Services. As I am a self-learner, I can easily adapt myself to new things and always ready to take on a challenge.

WORK EXPERIENCE

May 2019 – Present

Senior Software Engineer, Cognizant Technology Solutions

o Practice the software development process using Agile methodology and follow Scrum, Kanban, and Feature-Driven Development (FDD) frameworks.

o Architect the Serverless framework with AWS Lambda, API Gateway, AppSync, S3, DynamoDB, Neptune (Serverless), and ElastiCache Redis.

o Redesigned the event-driven based microservices using Spring Boot and Kafka which results in **30%** faster data-processing for a large-scale application.

o Recognized as a "Feature Lead" and delivered **20+** features on-time with no roll-backs in production; provided full technical support and leadership to the team.

o Implemented the potential cost-optimization strategy for AWS Neptune which reduced **50%** of the billing in Q3 2023 (saved **$65k** annually).

o Led a team of **5** Juniors in the migration from Jenkins to GitLab CI/CD pipelines ultimately saving the project **~$20k** annually while improving the performance and reducing of operational cost.

o Tweaked the product to notify course-copy-failures in real-time over MS Teams to relevant partners which reduced the number of incidents by **18%** through ServiceNow. Also, it gave the significant cost-saving of **$10k** annually to the customer PEARSON in terms of effort.

o Integrated continuous load testing tool "Gatling" within CI/CD pipeline which improved the product reliability and identify any performance issues in advance while releasing new features.

o Hands-on experience of various AWS Services such as VPC, Security Groups, WAF, IAM (Roles & Policies), Secrets, EC2, ECS, Route 53, SNS, MSK, Certificate Manager, CloudTrail, CloudWatch, Code Build & Deploy, Data Pipeline, and so on.

o Communicated effectively and professionally in all forms of communication with internal and partners/clients.

Mar 2019 - May 2019

Team Lead Software Engineering, Xerago E-Biz Services

o Involved requirement phase and documented the user-stories for various features; outlined the project plan and estimation for the deliverables.

Feb 2015 - Mar 2019

Senior Systems Analyst, Ebix Technologies (formerly Indus)

o Effectively managed onsite & offshore support in implementation of INDUS DEBT – COLLECTION product for CHASE BANK, Kenya.

o Handled a high-volume NBFC customers in India such as BAJAJ, MAHINDRA & TVS – Onsite UAT support, production rollout and warranty support.

o Proven track record of designing and implementing flexible solutions which support frequent UI and functionality changes in the core-product.

o Automated manual back-end job processing through scripting and automation engine.

o Designed and developed a complex stored procedure, improving system performance by **30%** and reducing query execution time by **40%**.

o Maintained the product quality by carrying out reviews, performing continual tests, analyzing customers feedback and improve performance by using JMeter.

Aug 2013 - Jan 2015

Software Engineer, Technosoft Global Services (now Apexon)

o Provided full lifecycle support to the client from requirements analysis to implementation of the product TWIMS for METRO SERVICES, India.

o Participated in user requirement meetings to transform client needs into the proposed solution designs.

o Worked effectively with design team to ensure software solutions elevated client-side experience.

o Collaborated closely with the business teams to streamline the production releases and deployment plans.

o Performed usability testing for the application using JUnit and involved in functional testing for assisting better user-experience.

o Assigned with single-handed project – IMMIGRATION VISA ADMIN for the client HONEYWELL and achieved "Zero Defect On-time Delivery".

Dec 2011 - Jul 2013

Software Developer, S4Carlisle Publishing Services

o Actively involved end-to-end development and implementation of in-house tools – PATHFINDER & FILE MANAGEMENT.

o Developed front-end and back-end logic which fulfilled the requirements and simplified user-experience.

o Impressed and Rich UI development with the implementation of JQuery & Ajax.

o Handled data migration from PostgreSQL to MySQL with a help of CloverETL.

o Facilitated hands-on application training around **350+** users in both US & INDIA.

o Streamlined the process and organized project related documents and artifacts.

EDUCATION

2005 – 2011 **Computer Applications**

University of IGNOU, New Delhi, India

Integrated Course of Bachelor and Master's Degree in Computer Applications

2002 – 2005 **Information Technology**

Govt. Polytechnic College, Chennai, India

Diploma Course in Information Technology

INTERESTS & HOBBIES

Big Data

Cloud Computing

Basketball

Football

Photography