Raja Chandrasekar

Senior Software Engineer



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11+

15+

Years of Experience

Projects



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]

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



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 selflearner, 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

- Practice the software development process using Agile methodology and follow Scrum, Kanban, and Feature-Driven Development (FDD) frameworks.
- Architect the Serverless framework with AWS Lambda, API Gateway, AppSync, S3, DynamoDB, Neptune (Serverless), and ElastiCache Redis.
- Redesigned the event-driven based microservices using Spring Boot and Kafka which results in 30% faster data-processing for a large-scale application.
- Recognized as a "Feature Lead" and delivered 20+ features on-time with no rollbacks in production; provided full technical support and leadership to the team.
- Implemented the potential cost-optimization strategy for AWS Neptune which reduced 50% of the billing in Q3 2023 (saved \$65k annually).
- 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.
- 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.
- 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.
- 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.
- 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

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)

- Effectively managed onsite & offshore support in implementation of INDUS DEBT - COLLECTION product for CHASE BANK, Kenya.
- Handled a high-volume NBFC customers in India such as BAJAJ, MAHINDRA & TVS - Onsite UAT support, production rollout and warranty support.
- Proven track record of designing and implementing flexible solutions which support frequent UI and functionality changes in the core-product.
- Automated manual back-end job processing through scripting and automation engine.



Creativity

Communication

Teamwork

Innovate

Analytical

★★★☆

Mentorship



CERTIFICATION

AWS Certified Developer – Associate

aws.amazon.com

Java SE 6 Programmer Certified Professional

certview.oracle.com



FSE Icon (June 2022)

Cognizant

Top Coder Award (July 2020)

Cognizant

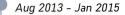
Outstanding Performance Award (Dec 2015)

Ebix

Best Performance Award (Oct 2013)

Technosoft

- Designed and developed a complex stored procedure, improving system performance by 30% and reducing query execution time by 40%.
- Maintained the product quality by carrying out reviews, performing continual tests, analyzing customers feedback and improve performance by using JMeter.



Software Engineer, Technosoft Global Services (now Apexon)

- Provided full lifecycle support to the client from requirements analysis to implementation of the product TWIMS for METRO SERVICES, India.
- Participated in user requirement meetings to transform client needs into the proposed solution designs.
- Worked effectively with design team to ensure software solutions elevated client-side experience.
- Collaborated closely with the business teams to streamline the production releases and deployment plans.
- Performed usability testing for the application using JUnit and involved in functional testing for assisting better user-experience.
- 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

- Actively involved end-to-end development and implementation of in-house tools – PATHFINDER & FILE MANAGEMENT.
- Developed front-end and back-end logic which fulfilled the requirements and simplified user-experience.
- 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.
- Streamlined the process and organized project related documents and artifacts.



FDUCATION

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





(P)

Big Data

Cloud Computing









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