Chiranjeevi Parthasarathi Tapal

Location: Hyderabad, India
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Summary

Highly motivated and experienced software engineer with 13 years of experience. Proficient in Java/JEE, Spring Boot, Angular and experienced in developing scalable applications using RESTful and gRPC webservices. Adept in cloud deployment and containerization. Experienced in build and dependency management and familiar with Agile methodologies. Strong knowledge of data structures, algorithms, and a solid understanding of high and low-level design.

Core Skills

- Java/JEE
- Spring Boot, Spring Web Flux
- Maven, Gradle, NPM, Yarn
- DynamoDB, MongoDB and Oracle DB
- Angular, Node.JS
- Kafka, Rabbit MQ

- Amazon Web Services
- Docker and Kubernetes
- Git, GitHub, GitLab, Perforce
- RESTful Webservices, gRPC
- Data structures and Algorithms
- Agile Methodologies

Career Summary

January 2020 – Till Date   **Electronic Arts Games India, Software Engineer III**

- As a server-side engineer for mobile games at Electronic Arts, I am responsible for designing, developing, and supporting the APIs that power our games. In this role, I work collaboratively with a team of product managers, designers, client engineers, artists, QA, and community support professionals to ensure that our games run smoothly and that our players have a positive experience.
- To ensure that our games perform optimally, I load test our APIs to identify and address any bottlenecks or issues that may arise during periods of high player traffic. I also write unit, integration, and acceptance test cases for both front-end and back-end code, allowing us to catch and address any issues early in the development process.
- As part of my work, I prioritize effective code reviews to ensure that the highest quality code is deployed. I also troubleshoot live issues and produce quick and efficient solutions to keep our games running smoothly for our players. Additionally, I keep management and team members informed of my progress and communicate any updates or issues on a regular basis.
- In addition to my technical work, I play an active role in sprint planning and task estimation, helping to guide our team in achieving both our functional and technical goals. I also serve as a mentor to my colleagues, helping them to develop their skills and supporting their professional growth.

April 2019 – December 2019   **Oracle India Pvt Ltd, Principal Software Engineer**

- Worked as an individual contributor on a team responsible for designing and developing the Oracle Fusion Procurement enterprise application.
- Developed new features for upcoming versions of the product and backported features/fixes to earlier versions.
- Learned and implemented applications using Oracle technologies, such as ADF (Application Development Framework) and ADE (Advanced Development Environment), as version control system. Communicated with support teams to resolve customer issues.

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April 2016 – April 2019   **Qualcomm, Lead Programmer Analyst**

- Designed, developed, implemented, and maintained a web-based employee final payout calculation tool using Java, Angular, Bootstrap, Spring-Boot, CSS, HTML, RESTful web services, JSON, and Oracle SQL technologies to automate processing of employee terminations for Qualcomm's domestic and international Payroll teams. This tool significantly increased team productivity by saving time and reducing errors in payout calculations.
- Provided continuous technical production support for two mission-critical compliance systems handling Qualcomm's employee Time and Attendance. Led all phases of major system upgrade projects within time and budget limits, making value-added contributions to management and business partners in areas such as project planning, vendor management, system upgrades, contingent workforce management, hiring, and training.

February 2016 – April 2016   **Bank of America, Senior Software Engineer**

October 2013 – February 2016   **Oracle India Pvt Ltd, Senior Software Engineer**

- During my time working on the Oracle Fusion Applications project, I played a crucial role in creating and implementing build tools to automate the process for Fusion ERP builds. This involved developing tools to automate reporting for the management purposes of the organization and building dashboard applications using technologies such as Spring, Angular, Oracle NoSQL, and Bootstrap.
- As part of my responsibilities, I also debugged build failures and enhanced existing tools and applications. To ensure smooth intercommunication between components, I developed XML parsers in Java programs using DOM, SAX, and STAX parsers.
- Moreover, I extensively worked on Git, SVN, Ant, and Maven, and utilized my expertise in these tools to develop automation tools for the build process. My contributions were instrumental in streamlining the build and reporting process, leading to increased efficiency and productivity for the organization.

May 2010 – October 2013   **Patni Computer Systems, Software Engineer**

- As a fresher, I was responsible for developing web page components using Java, JSP, JavaScript, and Struts, which served as the foundation for the application's user interface. In addition, I wrote unit tests using JUnit, EasyMock, and Power Mock to ensure that the code was of high quality.
- I worked closely with Project Managers and Lead Engineers to achieve project goals using a waterfall model, which involved regular communication and collaboration.
- I gained experience in developing software in a team environment and working with various technologies and tools.

Education

- Bachelor of Technology: Computer Science and Engineering   2005-2009
  Jawaharlal Nehru Technological University**,** Anantapur, Andhra Pradesh, India