RAVI TEJA GEDDADA

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PROFESSIONAL SUMMARY:

Detail-oriented Software Engineer with extensive experience in developing responsive web applications using React, Angular, and Java. Proven track record of enhancing performance and user engagement through innovative solutions and seamless user experiences. Proficient in CI/CD practices and committed to delivering high-quality code and applications.

TECHNICAL SKILLS:

Programming Languages: JavaScript (ES6+), TypeScript, Java, Python, C++, Dart, PHP, HTML5, CSS3, SASS.

Frameworks & Libraries: Angular, React.js, NgRx, Redux.js, Node.js, Express.js, Bootstrap, Prime NG, Spring Boot, Maven, Rest API, Microservices Architecture, Django, Flask and Laravel.

Databases & Tools: MySQL, MongoDB, PostgreSQL, IntelliJ, Eclipse, Junit, Jest, Swagger, BASH, Git, GitHub, Jenkins (CI/CD), Docker, Jira, Confluence, Anaconda, Jupyter Notebook, Spyder IDE and Microsoft Office Suite.

PROFESSIONAL EXPERIENCE:

Software Engineer **February 2024 – Present**
CompNova LLC, (Client: CSX) **Jacksonville, FL, US**

- During my tenure at CompNova LLC, I contributed significantly to migrating an Angular 9 application to Angular 15+, which resulted in improved maintainability and addressed client concerns. This led to a 25% reduction in maintenance efforts and enhanced stability.
- Additionally, I developed user interfaces using Angular and TypeScript, which notably enhanced application performance and user satisfaction, resulting in a 30% improvement in user engagement.
- Furthermore, I took the lead in implementing Reactive Forms and utilized Sass, resulting in a 25% increase in form submission efficiency and enhanced user interactions.

Software Engineer **May 2021 - December 2022**
EPAM Systems, (Client: Google) **Hyderabad, Telangana, India**

- At EPAM Systems, working on a project for Google, I was instrumental in implementing and maintaining complex Angular and TypeScript applications, leveraging NgRx for state management to enhance application responsiveness by 20%.
- Conducted thorough Unit Testing using Jasmine and Karma for Angular components, ensuring high-quality deliverables, and reducing defects by 20%.
- Implemented complex Angular applications, including directives, controllers, and services, optimizing code structure and maintainability, resulting in a 25% increase in development efficiency.
- Developed RESTful APIs using Spring Boot, facilitating seamless integration with third-party services and front-end applications, resulting in a 30% reduction in API response time.
- Implemented robust security measures, including OAuth2 and JWT, to protect over 1 million user accounts, and applied security best practices in Java code, reducing potential security risks by 25%.
- Designed and developed scalable, high-performance Java applications using core Java, J2EE, and Spring Framework, resulting in a 15% reduction in software bugs and improved overall application stability.
- Implemented SOLID principles and design patterns for writing efficient Java code, which decreased the application's memory footprint by 35%.
- Collaborated with cross-functional teams to integrate security features seamlessly into the development lifecycle, adhering to Agile methodologies.
- Implemented continuous integration and continuous deployment (CI/CD) pipelines, reducing deployment time by 30% and improving code quality.

Associate Software Engineer Intern, OpenText **December 2020 – May 2021**

- During my tenure at OpenText as an Associate Software Engineer intern, I developed highly interactive web application using React JS and Redux, leading to a significant enhancement of user engagement by 35%.
- I meticulously implemented dynamic React JS components, including Forms, Events, Router, and Redux, streamlining processes and boosting development efficiency by 25%, accelerating time-to-market.
- Furthermore, I engineered a robust, reusable React Components Library, cutting feature development time by 20% and promoting best practices in code reusability and maintainability.

EDUCATION:

Master of Science in Computer Science **January 2023 – May 2024**
Clark University, Worcester, MA, US GPA: 3.81 / 4

Bachelors in Electronics & Communication Engineering **July 2017 – June 2021**
Clark University, Worcester, MA, US GPA: 3.44 / 4

Relevant Courses: Design & Analysis Algorithms, Survey of Systems & Programming Languages, Software Engineering, Human Computer Interaction, Server-Side Web Programming and Capstone, Java Programming.

CERTIFICATIONS:

- Programming Data Structures and Algorithms using Python – NPTEL
- Java and Problem-Solving HACKER RANK
- Java Programming and Web Technologies – COURSERA

ACADEMIC PROJECTS:

Projects; Clark University, MA, US **January 2023 – May 2024**

ACRONET | Acronyms search web application.

- Acronet is a comprehensive software solution as part of a Software Engineering course to my university for searching commonly used acronyms.
- The web application includes an Administration panel enabling authorized personnel to review, approve, reject, or edit suggested acronyms by registered users.
- Tech Stack used: Front-end: Angular, TypeScript, Docker | Back-end: Django, Python, Docker | Database: MongoDB

ROVE AROUND | Travel centric planner web application.

- Rove Around is a trip planning web application developed as part of a Capstone course to facilitate seamless travel organization among friends.
- Led a team to streamline trip planning and management along with Integration of Google Maps for visual representation.
- Tech Stack used: Front-end: Angular, TypeScript | Back-end: Java Spring Boot, Java | Database: MySQL

JOBS | Find jobs web application.

- Jobs is a flask-based web application developed as part of Server-side web programming course to streamline the job posting and application process for both managers and candidates.
- Managers can log in to post new job listings, close and review applications. On the other hand, candidates can log in to apply for available jobs.
- Tech Stack used: Flask, Python, MySQL

INVENTORY MANAGEMENT | Inventory Management web application.

- Inventory Management, conceived as a hobby project, is a sophisticated application to streamline inventory control processes.
- The application caters the needs of both administrators and vendors to efficiently manage the inventory with a clear communication channel.
- Tech Stack used: Front-end: Angular, TypeScript | Back-end: Java Spring Boot, Java | Database: MySQL