

# RAVI TEJA GEDDADA

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## PROFESSIONAL SUMMARY:

Detail-oriented Software Engineer with extensive experience in developing responsive web applications using Angular, React. Proven track record of enhancing performance and user engagement through innovative solutions and seamless user experiences.

## TECHNICAL SKILLS:

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

**Frameworks & Libraries:** Angular, React.js, Storybook, Lit Elements, 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:

**Client: Fidelity Investments**

**October 2024 – Present**

**Compunnel Inc – Software Engineer Developer**

**Trophy Club, TX**

- Developing custom web components using Lit Elements, creating modular and reusable UI building blocks that improve consistency across Fidelity's financial services platform.
- Leveraging Storybook for component development and documentation, enabling isolated testing and visual QA before integration.
- Working within a monorepo architecture (Nx Workspace) to maintain multiple Angular applications while ensuring code consistency and shared component utilization.
- Implementing GraphQL queries and mutations to dynamically fetch and manipulate content, reducing payload sizes and improving application performance.
- Designing and building responsive interfaces that adhere to Fidelity's design system and accessibility standards.
- Contributing to code reviews and architectural discussions to establish best practices for web component development.
- Collaborating with cross-functional teams to integrate web components across various applications within Fidelity's ecosystem.

**Client: CSX**

**February 2023 – October 2024**

**CompNova LLC – Software Engineer**

**Jacksonville, FL**

- 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 15+ 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.
- Integrated **Rest APIs** into Angular applications to fetch data and used rxjs operators to continuously update the UI without effecting the application performance.

**Client: Google**

**May 2021 - December 2022**

**EPAM Systems – Software Engineer**

**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 12 application, including directives, and services, optimizing code structure and maintainability, resulting in a 25% increase in development efficiency.
- Collaborated with cross-functional teams to build a robust GraphQL layer and maintain a unified mono repo, ensuring seamless data integration and code consistency across projects.

- Conducted regular code reviews, ensuring high code quality and adherence to best practices.
- Leveraged Swagger to comprehend and implement API specifications, ensuring accurate integration and enhancing overall API functionality by 20%.
- Conducted debugging of JavaScript and CSS in the browser for improved code quality, leading to a 20% decrease in production issues.

## OpenText

December 2020 – May 2021

### Associate Software Engineer Intern

India

- 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.
- Mastered HTML5, CSS3, and JavaScript (ES5/6), applying in-depth understanding of their workings within the browser environment.

## EDUCATION:

### Master of Science in Computer Science

Clark University, Worcester, MA, US

January 2023 – May 2024

GPA: 3.81 / 4

### Bachelors in Electronics & Communication Engineering

CMR Institute of Technology, Medchal, Telangana, India

July 2017 – June 2021

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](#)
- Graph Developer Associate - [GraphQL](#)
- 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.
- 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.
- Tech Stack used: Front-end: Angular, NgRx, 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.
- 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.
- Tech Stack used: Front-end: Angular, TypeScript | Back-end: Java Spring Boot, Java | Database: MySQL