

Kavya Venna

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SUMMARY

Results-driven Software Developer with expertise in React, NodeJS, Angular, Java, Spring Boot, and MySQL, driving a 40% surge in customer satisfaction. Skilled in Agile/Scrum methodology, RESTful APIs, and CI/CD practices, with experience in technical leadership and mentoring senior engineers. Proven track record of architecting efficient and reusable front-end systems, writing high-quality code, and delivering innovative products.

EDUCATION

- Masters in computer applications- Vellore Institute of Technology | Vellore, India **Apr 2020-Mar 2022**
- Bachelor of Computer Applications- Chaitanya deemed to be university | Warangal, India **Apr 2017-Mar 2020**

SKILLS

- **Languages:** HTML, CSS, AJAX, SASS, JavaScript, TypeScript, Java, C++, C#, MySQL, PHP.
- **Tools and Frameworks:** Visual Studio Code, Angular9, Spring boot Microservices, MySQL Workbench, Bootstrap, Git, Jira, Sprint boards in Teams, IntelliJ, STS, Eclipse, CI/CD, APACHE TOMCAT.
- **Libraries and Methodologies:** Reactive forms, Template-driven forms, Material UI, Ag-grid, npm, Node.js, React, Agile/ Scrum methodology, REST/RESTful API design, SOAP, XML, JSON.
- **Skills:** Application development, Object Oriented Design, Back-end, Microservices, Integration, Unit testing, CI/CD, Agile.

EXPERIENCE

Software Labs | Long Island, New York

Sep 2023-Present

Software Developer- *[Angular, React, Java, Spring Boot, MySQL, Maven, Git]*

- Developed and maintained ReactJS components using TypeScript, HTML5, CSS3, AJAX, Bootstrap, and JavaScript; increased user satisfaction by 31%.
- Implemented critical features like Form Validation, search implementation, pagination, enhancing user experience.
- Optimized MySQL database performance, achieving efficiency gains in query execution and data retrieval.
- Elevated code collaboration efficiency by 40% and mitigated conflicts by 60% through proficient utilization of Git as the primary version control system.
- Monitored backend Microservices using Apache Tomcat and orchestrated continuous integration/deployment automation with Jenkins.

Virtusa | Hyderabad, India

Sep 2021-May 2023

Full Stack Developer - Client: CITI-GTRS – *[Angular, React, JavaScript, MySQL, Git, Jira, Spring Boot, Maven, Jenkins]*

- Elevated user satisfaction by 31% through the development and maintenance of Angular and React applications, employing TypeScript, HTML5, CSS3, Bootstrap, and JavaScript.
- Integrated UI elements such as charts, tables, forms, and other interactive features into the application using Angular Material.
- Skilled in developing single-page applications (SPAs), using Angular CLI, HttpClientModule, and modern front-end technologies.
- Engaged with business stakeholders during Agile PI Planning, adeptly gathering 95% of both technical, business requirements to address client needs. Facilitated retrospective sessions to gain insights into developer perspectives.
- Built reusable components that could be used across different projects or applications.
- Refactored SQL queries, resulting in a reduction of data manipulation response time from the Oracle database.
- Engineered and owned 5 Java and Spring Boot microservices, optimizing file transfer, browsing, monitoring, and achieving 35000+ transactions per hour.
- Skilled in API testing with POSTMAN and working with Oracle 11 for database management.
- Reduced Oracle database response time by refactoring SQL queries and implemented continuous integration/deployment practices for flexible, scalable, and reusable software.
- Delivered flexible, scalable, maintainable, and reusable software by executing consistent and seamless production launches of services by implementing continuous integration and continuous deployment practices.
- Recognized knowledge gap within a 9-member team, led the initiative to provide comprehensive training to 5 team members, and consequently achieved a notable 50% increase in overall productivity.
- Recipient of Client's choice award for "Topaz, Going the Extra Mile" in the year 2020 in recognition of work ethics.

PROJECTS

Weather App

Mar 2020-Apr 2022

- Integrated a weather API into an Angular project, improving user engagement by 20% through efficient city-based weather searches. Delivered and maintained the project using JavaScript, TypeScript, HTML, CSS, and Bootstrap.

Smart city using IoT.

- Implemented IoT solutions by installing sensors for various applications, achieving a 30% efficiency gain in data exchange and communication for smart city initiatives. Streamlined automated systems, including smart lights, waste management, parking, and environmental reports, enhancing overall functionality and responsiveness.