

Tarun Teja Akkipalli

Full Stack Developer

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SUMMARY

Full Stack Developer with 3+ years of experience building scalable applications, microservices, and APIs using Node.js, React.js, Spring Boot, MongoDB, MySQL, and AWS. Expertise in deploying cloud-based solutions with CI/CD pipelines, optimizing performance, and ensuring high availability. Skilled in Python, Golang, and statistical analysis for data-driven insights. Proficient in Docker, Kubernetes, Jenkins, and modern front-end technologies like React, Redux, and Bootstrap. Strong track record collaborating within Agile teams, delivering secure, responsive, and user-friendly applications. Focused on continuous improvement and keeping up with industry trends to provide innovative, high-quality solutions.

SKILLS

Languages & Frameworks: JavaScript (ES6+), Node.js, Vue.js (preferred), React, TypeScript, Spring Boot, Bootstrap, Django

Frontend: Next.js, React.js, Redux, Angular, Typescript, JavaScript, HTML5, CSS3, SCSS.

Backend: Python, Java, Golang, Node.js, RESTful APIs, Microservices Architecture, SQL (PostgreSQL, MySQL), NoSQL (MongoDB).

Cloud & Database Platforms: AWS, Kubernetes, Docker, CI/CD pipelines, Docker.

Collaboration & Tools: Git, JIRA, Bitbucket, Atlassian, Confluence.

WORK EXPERIENCE

Full Stack Developer, Procore Technologies, Toronto, ON Jan 2025 – Present

- Managed user verification system using Spring Boot, and microservices, and deployed with Docker, Jenkins, and Kubernetes on AWS cloud platform.
- Utilized Node.js and Express.js to develop a modular and scalable system, achieving a 25% improvement in API response time and a 30% reduction in server load.
- Leveraged statistical analysis tools such as Python, and Google Analytics to derive insights and make data-driven decisions.
- Revamped web-based Python and Golang instructional content focusing on Responsive Web Design and Single Page applications, resulting in a 25% increase in customer retention.
- Used React.JS with Redux to create a single-page web application with efficient data flow between the client and server and used to create Controllers to handle events triggered by clients and send requests to the server
- Deployed and maintained the application on AWS, ensuring high availability and reliability, and managing deployment workflows using CI/CD pipelines.
- Developed RESTful APIs with Java and Spring Boot to manage user data, ensuring performance and integrity through unit testing with JUnit, using microservices for scalability.
- Developed and maintained data-driven web applications using Flask and Django, enabling seamless interaction with backend data systems.
- Developed microservice onboarding tools leveraging Python and Jenkins allowing for easy creation and maintenance of build jobs and Kubernetes deploy and services.
- Optimized cloud-based IoT application design and performance by utilizing Webpack, Babel, Gulp, and NPM build tools to reduce load time by 20% while also integrating AWS and API Gateway to further enhance performance in a Linux environment.
- Collaborated with a team of 15 developers and achieved a 92% success rate in meeting project deadlines employing Agile (Scrum) methodology.

Software Developer, Hexaware Technologies, Bengaluru, India Jan 2020 – Feb 2023

- Collaborated with cross-functional teams to develop interactive web pages using React.js, Redux, and JavaScript.
- Modernized high-traffic e-commerce platform on NodeJS, handling 500k daily sessions, and developed reactive services using the Hapi framework, scaled through Docker and Kafka.
- Expertise in Java Spring and Spring Boot with hands-on experience in building RESTful web services, microservices architecture, and utilizing message services like RabbitMQ
- Utilized Bootstrap to develop a reactive website from a static JavaScript, Bootstrap, Semantic UI, RESTful API, and jQuery existing code base.
- Constructed several brand modules to add offers on respective pages using HTML5, CSS3, React, and NoSQL receiving a 95% satisfaction rating from clients and stakeholders.
- Design, develop, and maintain high-quality software applications by enforcing best practices around software engineering architecture and process using React JS, JavaScript, Next JS, and Azure.
- Re-factored and extended large existing Django/Python code base, significantly reducing the number of lines in code and duplication.
- Created cross-browser compatible and Responsive web pages using Bootstrap, Bootstrap modals, and CSS3 · Implemented Responsive Web Design using Flexbox, HTML5, and SCSS.
- Using Node JS, and Express JS, handled HTTP Request/Response calls using Angular Router module and developed a Single Page Application.

EDUCATION

York University Sep 2023 - May 2025

Postgraduate Certificate in Cloud Computing & Cybersecurity

K L University June 2015- May 2019

Bachelor of Technology in Electronics & Communication Engineering