HIMAJA CHINNAM

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SUMMARY

Software Engineer with 3+ years of experience developing high-performance web applications and scalable systems. Passionate about optimizing performance, enhancing user experience, and architecting efficient solutions that drive impact.

EDUCATION

Master of Computer Science, Binghamton University, State University of New York, GPA: 3.73/4.00   Dec 2024
Relevant Coursework: Programming for the Web, Cloud Computing (AWS, GCP), Database Systems, Operating Systems, Software Engineering, Computer Networks
Responsibilities: Student Assistant for INFO-591X - Python Programming Practicum

SKILLS

Programming Languages:	JavaScript, Typescript, Java, Python, C, SQL
Frontend Development:	ReactJS, Redux, Next.js, jQuery, Bootstrap, Tailwind CSS, MUI, SASS, HTML, CSS
Backend Development:	Node.js, Express.js, REST APIs, GraphQL, OAuth 2.0
Databases & Cloud:	MySQL, MongoDB, NoSQL, AWS, GCP
Tools & Testing:	Jest, React Testing Library, Unit Testing, Test-Driven Development (TDD)

EXPERIENCE

Software Engineer   Jan 2021 - Dec 2022
IBM India Pvt Ltd   *Karnataka, India*

- Developed high-performance, interactive UI components using React, JavaScript, Redux, Webpack, improving user engagement and reducing page load times by 40% through lazy loading and code optimization.
- Designed reusable web components and user-centric designs, leveraging ES6+, SASS, and Material UI for UI consistency.
- Optimized UI responsiveness and SEO, increasing mobile user satisfaction by 25% and reducing bounce rates by 15%.
- Developed and optimized RESTful APIs using Java Spring Boot, Microservices, and MySQL, ensuring efficient data retrieval and scalable backend architecture.
- Integrated Single Sign-On (SSO) authentication, streamlining user access across multiple platforms and improving security.
- Enhanced UI frameworks and collaborated with UX teams, refining accessibility and boosting user satisfaction by 25% through structured feedback and iterative design improvements.

Software Developer   Oct 2020 - Jan 2021
AvyaIT Pvt Ltd   *Hyderabad, India*

- Upgraded a legacy React application from v0.14.8 to v16.13.1, improving performance, scalability, and maintainability, while integrating React Hooks for better state management.
- Followed Agile methodologies, incorporating Test-Driven Development (TDD), Continuous Integration (CI), and Continuous Delivery (CD) for faster and more reliable software releases.

Software Engineer Intern   Jan 2020 - Sep 2020
AvyaIT Pvt Ltd   *Hyderabad, India*

- Developed a feature-driven SPA using React, TypeScript, and Bootstrap with route-based navigation for seamless activation.
- Built RESTful APIs using Node.js and Express, efficiently handling authentication, data retrieval, and business logic.
- Implemented real-time state updates using React Context API, enabling users to extend expired offers dynamically.

PROJECTS

Movie Recommendation Platform   Aug 2024 - Dec 2024

- Developed a React-based movie recommendation app with Tailwind, Redux, Firebase Auth, and OpenAI API, enabling smart search for 1,000+ movies.
- Ensured secure authentication and reliable performance using Firebase Auth, Jest, and React Testing Library.

GCP-Powered Live Chat Service   Jan 2023 - Apr 2023

- Containerized MongoDB and web server using Docker to streamline deployment and enhance scalability for the application.
- Managed a 3-node Kubernetes cluster to orchestrate services ensuring high reliability and scalability for the live chat platform.

Food Ordering App   Sep 2022 - Dec 2022

- Developed a React-based food ordering platform with Redux, integrating a live API for real-time menu updates using CORS.
- Implemented secure authentication and order management using Firebase for seamless user experience and real-time updates.