Ashley

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Education

Indiana University Bloomington — Bloomington, USA
Masters in Intelligent Systems Engineering — *January 2023*

BMS Institute of Technology & Management — Bengaluru, India
Bachelor of Engineering in Electrical & Electronics — *August 2015*

Technical Skills

Languages: TypeScript, JavaScript, Python, SASS, HTML5, LESS/CSS3, NoSQL, NodeJS, WebPack
Frameworks: React, NextJS, Ant-Design, React-Native, VueJS , Cypress, Bootstrap, Tailwind CSS, ExpressJS
Developer Tools: GitHub, Figma, Chome/Edge/Moz Dev, gulp, ESLint, Android Studio, PostMan, Redis
Libraries: Redux-Thunk, React, Redux, Fluent-UI, FontAwesome, JSON, Lodash, date-fns, Firebase, Firestore

Experience

Wipro Technologies — Pune, India
Senior Software Developer — *November 2021 – June 2023*

- Implemented React, Node.js, Express.js, and MongoDB to build high-performing full-stack web applications, driving a significant 40% enhancement in UI performance and elevating user satisfaction by 25%
- Led a seamless transition from JavaScript to TypeScript, bolstering code quality and security; integrated JWT authentication for enhanced user data protection, leading to an impressive 80% decrease in API response time
- Optimized code reliability and coverage through the implementation of test-driven development (TDD) methodology using Cypress and Jest frameworks. Increased automated test cases by 10-15%
- Orchestrated the automation of 75% of workflows through Python scripting

Software Developer — *June 2019 – October 2021*

- Spearheaded the development and execution of a groundbreaking test web application, leveraging Node.js, to enable comprehensive evaluations of web components, APIs, performance, and core web vitals. Achieved a remarkable 50% reduction in manual testing efforts
- Revamped website user interface using JavaScript, ReactJS with hooks, and JSON; integrated Redux and Thunk for efficient state management, resulting in a 20% decrease in deployment time
- Implemented React Bootstrap, Ant-D, and Material UI libraries to craft visually captivating data visualizations, resulting in a 25% increase in user engagement and a 15% decrease in bounce rate.
- Streamlined collaboration across four cross-functional teams by implementing JIRA, Confluence, GitLab, and Bitbucket; achieved a remarkable 40% reduction in project delivery time and boosted stakeholder satisfaction by 20%

Projects

FullStack App Development Link | *NextJS, TypeScript, MongoDB, NodeJS, Redis* June 2023 - September 2023

- Made highly performant and scalable web applications using Next.js, implementing server-side rendering (SSR) and client-side rendering (CSR) techniques, resulting in a 60% reduction in loading time
- Mastered the backend infrastructure utilizing NodeJS and TypeScript with ExpressJS framework; implemented GridFS, bucket, and bson for file storage and document management, drastically reducing disk space usage by 50% and fortifying data security by 30%

Native Android App Link | *Python, React-Native, JavaScript, TypeScript, Redux* April 2023 – May 2023

- Architected and developed an Android app with advanced vehicle and crash detection features; leveraged Docker for efficient deployment and load balancing and reducing crash detection time by 20%.
- Applied React Native framework to enable cross-platform support, resulting in a 50% reduction in development time and increased user base by 30% within six months

Learning Management Systems Link | *ReactJS, TypeScript, Firebase* January 2023 – March 2023

- Developed and delivered a robust React app for a university's learning management system, streamlining course management for 50+ faculty members and empowering 150+ students to submit assignments on time, resulting in improved academic performance and student satisfaction
- Optimized the data and file management system by integrating Redux-thunk, Redux, and Firebase, resulting in a 40% improvement in pages loading time and an impressive 25% increase in overall system performance