

Ashley

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EDUCATION

Indiana University Bloomington

Masters in Intelligent Systems Engineering

Bloomington, USA

Spring 2023

BMS Institute of Technology & Management

Bachelor of Engineering in Electrical & Electronics

Bengaluru, India

Fall 2015

EXPERIENCE

Wipro Technologies

Senior Software Developer

Pune, India

Nov 2021 – June 2023

- Responsibility full stack web applications using React, Node.js, Express.js, and MongoDB, increasing UI performance by 40% and user satisfaction by 25%.
- Enhanced code quality and security by migrating to TypeScript and integrating JWT authentication; improved API performance by optimizing NoSQL queries, reducing response time by 80%.
- Applied test-driven development (TDD) using Cypress and Jest, ensuring code reliability and coverage. Automated additional 10-15% test cases, saving time and resources.

Software Developer

June 2019 – Oct 2021

- Created front-end of a test web application, enabling users to test web components, APIs, performance, and core web vitals. Reduced manual testing workload by 50%. Server as of nodejs.
- Utilized JavaScript, ReactJS with hooks, JSON, and Webpack, integrating Redux and Thunk for state management; Gulp for task execution, decreasing deployment time by 20%
- Employed Webpack, ESLint, and Gulp for bundling and linting workflows, reducing client load by 30%. Leveraged libraries such as React Bootstrap, Material UI, and Chart.js for UI design and data visualization.

Internship

Jan 2019 – March 2019

- Automated 75% of workflows using Python scripting, increasing efficiency and productivity.
- Managed 2 projects, using JIRA, Confluence, GitLab, and Bitbucket, collaborating with team members and stakeholders.
- Portal for 120+ employees using VanillaJS, facilitating daily tracking and assignments.

PROJECTS

Native Android App [Link](#) | *Python, React-Native, JavaScript, TypeScript, Redux*

- Developed an Android app for vehicle and crash detection, tracing and tracking users in 50+ states. Used docker and load balancer for scalability and performance.
- React Native for cross-platform support, Android studio for app simulation, and Metro as a builder. Implemented multi-page and navigation features. Supported 3 regions with different languages and preferences.

Learning Management Systems [Link](#) | *ReactJS, TypeScript, Firebase*

- Built a React app for a learning management system, catering to various roles in the university. Managed 50+ courses and 150+ assignments with different requirements and deadlines
- Redux-thunk, Redux, and Firebase with Firestore for data and file management, implementing JWT token-based authentication and OAuth. Adopted React-bootstrap as the core framework for UI design and responsiveness.
- Integrated various features such as chat, video conferencing, notifications, feedback, and analytics, enhancing user experience and engagement.

FullStack App Development [Link](#) | *NextJS, TypeScript, MongoDB, NodeJS*

- Fast and scalable web applications using Next.js, leveraging both server-side rendering (SSR) and client-side rendering (CSR) techniques, reducing loading time by 60% and increasing user retention by 40%.
- Built the backend using NodeJS and TypeScript with ExpressJS framework, implementing GridFS, bucket, and bson for file storage and document management, saving disk space by 50% and enhancing data security by 30%. Learned how to use aggregate functions for data analysis and manipulation, improving data quality by 20%.

FREELANCE

ContiSign App | *ReactJS, BootStrap, Canvas*

India

- * An App to carry out documents signature from b2b. Carrying out contracts and legal documents to 100+ clients
- * ReactJS powered by bootstrap and scss. Carrying out document management and its 100% security, appealing to clients

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, SASS, HTML5, LESS/CSS3, NoSQL, NodeJS

Frameworks: React, NextJS, Ant-Design, React-Native, Sharepoint365, VueJS , Cypress, Bootstrap, Tailwind CSS, ExpressJS

Developer Tools: GitHub, Linux, VS-Code, Figma, Chrome/Edge/Moz Dev, gulp, ESLint, webpack, Android Studio, PostMan, Compass

Libraries: Redux-Thunk, React, Redux, Fluent-UI, FontAwesome, JSON, Xlrd, OS, Collections, Lodash, date-fns, Firebase, Firestore