

PROFESSIONAL SUMMARY

A Frontend Engineer over 3 years of experience in Front-end and Back-end web development, technical expertise in programming languages such as Java, Python, JavaScript, and TypeScript. Skilled in ReactJS, NextJS, and NodeJS to build scalable and high-performance website development. Experienced in integrating with cloud technologies (AWS) and Relational and NoSQL databases (MySQL, PostgreSQL, MongoDB) for seamless deployment and data management. Proficient in UI/UX design principles, ensuring optimal web applications. Adept at implementing RESTful APIs, GraphQL, and authentication flows (OAuth 2.0) for secure and efficient data exchange. Committed to following agile methodologies and version control tools (GitHub) for collaborative software development. Proven ability to explore emerging technologies like AI and machine learning.

TECHNICAL SKILLS

Languages: Java, C#, Python, HTML5, CSS, JavaScript, TypeScript

Front-end Development/APIs: ReactJS, NextJS, NodeJS, Bootstrap, Express.js, TailwindCSS, REST API, GraphQL, OpenAI API

Databases/Cloud: MySQL, Postgres, MongoDB, Azure, AWS, Linux

Tools/DevOps/Version Control: Git, Visual Studio, Cypress, Jira, AEM, Jenkins, D3.js, figma, Kubernetes

Machine Learning Techniques: Linear Discriminant Analysis, Random Forest, Logistic Regression, Scikit, Seaborn, Tesseract, Pandas

Soft Skills: Communication Skills | Collaboration | Project Management | Adaptability | Problem-Solving | Work Independently

WORK EXPERIENCE

Fiona Solutions, Full-Stack Developer, Intern

Feb 2024 – Present

- Built an e-commerce website with **React, TypeScript, Node.js**, and used **AEM** for content management to improve code reusability and reduce development time by 20%.
- Maintained **GraphQL APIs**, using **Node.js**, and **PostgreSQL**, handling 500+ requests per minute with 99.9% uptime.
- Integrated **D3.js** with react for data transformation and preprocessing from various sources (JSON, XML, CSV), ensuring actionable insights.
- Implemented **pagination, split coding, lazy loading** techniques, reducing initial load times by 35% and improving page load speeds by 25%.
- Created automated end-to-end test scripts using **Cypress**, reducing production bugs by 25%.
- Developed and maintained a **CI/CD pipeline using Jenkins and Github actions**, resulting in a 50% reduction in deployment time and managed this web application on **Kubernetes** improving scalability by 25%.
- Worked with cross-functional teams in daily scrum meetings, ensuring timely delivery and resulting in a 95% customer satisfaction rate.

Suvarna TechnoSoft, Front-end Developer, Full Time

Jan 2020 – July 2022

- Developed Single Page Applications (SPAs) for Hospital's "HIMS" and "LIS" websites' UI with **ReactJS, JavaScript, and Python** and leveraged **AWS** services (EC2, S3, RDS) for hosting and managing SEO friendly web applications, ensuring scalability.
- Implemented **OAuth 2.0 authentication** flow using **AWS Cognito** User Pools, enabling secure user access to 3rd-party APIs.
- Monitored and Optimized **REST API** performance, led to **20%** spike in API speed & **30%** lower API calls using **Redis cache** and **MongoDB**.
- Boosted website performance by **30%** via optimization techniques, ensuring optimal user experience, and used **GA4** for website analytics.
- Created dynamic widgets to improve doctor availability, reducing appointment booking time by **40%**.
- Conducted code reviews, resolved **JIRA issues**, and focused on troubleshooting, cross-platform browser, unit testing and application support.

Suvarna Techosoft, Web Developer, Intern

Jun 2019 – Dec 2019

- Built and maintained a **WordPress** website for the hospital using **HTML5, CSS3, and JavaScript**, ensuring a user-friendly experience.
- Designed new features, components using **React & Bootstrap** to create visually appealing designs for UI enhancing user engagement.
- Initiated CI/CD pipelines using **Jenkins and Github Actions**, reduced deployment time by **30%**, leading to an efficient software deployment.

PERSONAL PROJECTS

Portfolio ([Try it here](#))

- Built a **Portfolio** using **NextJS** for server-side rendering and **Tailwind CSS** for UI Development.
- Implemented features like achievement section, about section and experience section with tabs, and projects and certifications section with filtering capabilities. Hosted on Vercel App.

Grab It. a Food-ordering Application ([Try it here](#))

- Developed a responsive **MERN** stack food ordering web application using **React JS, Node JS, Express, and MongoDB** for NoSQL data, featuring user authentication using **JWT**, shopping cart, order placement, and secure transactions using **Stripe API**.
- Created an admin panel for food item management and order status updates, **ContextAPI, React Hooks, Redux** for state management, and **Axios** for efficient HTTP requests to interact with **RESTful APIs**, ensuring data security and smooth client-server communication.

For more projects, visit my **Portfolio**: [Portfolio](#)

EDUCATION

Florida International University, Miami, United States

MS in Computer Science (Courses: Database Management Systems, Data Structures and Algorithms, Web Development)

(CGPA – 3.63)

MLR Institute of Technology, Hyderabad, India

BTECH in Information Technology (Courses: Data Structures & Algorithms, Java, Python, Data Warehousing)

(CGPA – 3.30)

CERTIFICATIONS

- Coursera:** Front-End Development with React
- Microsoft Certified:** Azure Fundamentals and Data Fundamentals
- Udemy:** Python Certified