

PROFESSIONAL SUMMARY

A Frontend Software Engineer with 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 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 and efficient software development. Proven ability to explore emerging technologies like AI and machine learning for innovative solutions.

EDUCATION

Florida International University, Miami, United States	Aug 2022 – Dec 2023
MS in Computer Science (Courses: Database Management Systems, Data Structures and Algorithms, Web Development)	(CGPA – 3.63)
MLR Institute of Technology, Hyderabad, India	July 2017 – June 2021
BTECH in Information Technology (Courses: Data Structures & Algorithms, Java, Python, Distributed Systems, Data Warehousing)	(CGPA – 3.30)

TECHNICAL SKILLS

Languages: Java, C++, Python, HTML, CSS, JavaScript, TypeScript
Front-end Development/APIs: ReactJS, NextJS, NodeJS, Express.js, REST API, GraphQL, OpenAI API
Databases/Cloud: MySQL, Postgres, MongoDB, Azure, AWS, Linux, Docker
Software Engineering Tools/Version Control: Git, Visual Studio, Jest, Jira, AEM, Jenkins
Machine Learning Techniques: Linear Discriminant Analysis, Random Forest, Logistic Regression, Scikit, Seaborn, Tesseract, Pandas
Analytical Support: PowerBI, Qlik Sense, Excel
Soft Skills: Communication Skills | Collaboration | Attention to Details | Adaptability | Problem-Solving | Analytical Skills | Teamwork

WORK EXPERIENCE

Suvarna TechnoSoft, Front-end Developer, Full Time	Jan 2020 – July 2022
<ul style="list-style-type: none"> Developed internal portals for Hospital's "HIMS" and "LIS" websites' UI with ReactJS, JavaScript and Python, and leveraged AWS services (EC2, S3, RDS) for hosting and managing web applications, ensuring scalability and reliability. Implemented OAuth 2.0 authentication flow using AWS Cognito User Pools, enabling secure user login and access to third-party APIs. Monitored and Optimized REST API performance, led to 20% spike in API speed & 30% lower API calls using Redis cache and MongoDB. Achieved 30% reduction in website load times through performance optimization techniques, best user experience via enhancing usability. Created dynamic widgets to improve doctor availability, reducing appointment booking time by 40%. Conducted code debugging, resolved Atlassian JIRA issues, and focused on cross-browser compatibility, unit testing and integration testing and application support. 	
Suvarna TechnoSoft, Web Developer, Intern	July 2019 – Dec 2019
<ul style="list-style-type: none"> Developed multiple proof-of-concepts (POCs) by building various login portals and Product UI builder screens for “HIMS” web applications using HTML, CSS3, JavaScript, and React. Implemented new UI features and components enhancing user engagement and boosting user retention by 15% on release management. Initiated CI/CD pipelines using Jenkins that reduced deployment time by 30%, ensuring more efficient software deployment process. 	

PERSONAL PROJECTS

Portfolio

- 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.

Confusion Restaurant Stimulation

- Developed a desktop application for restaurant website stimulation using **ReactJS and JavaScript** features a single page application (SPA) with responsive design and created some necessary reusable components.
- Leveraging Redux, controlled forms, and Fetch for client-server communication using **REST API**, integrating elements of the Flux architecture.

Codex

- Built a JavaScript AI chat application using OpenAI machine learning model and **GPT-3 model API** for AI communication.
- Implemented AI assistance for programming languages and code translation using HTML, CSS, JavaScript, Node.js, and OpenAI APIs.

License Plate Recognition

- Developed a machine learning model using **Python and Image Processing Technology** (like, Tensor Flow, Keras, Tesseract) to retrieve the license number from the license plate.

CERTIFICATIONS

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