

AKSHAT JALAN

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SKILLS

Technologies: React.js, Python, JavaScript, Node.js, MySQL, Rest APIs, GIT, TypeScript, Redux, HTML, CSS, Java, MongoDB
Skills: Data Structures algorithms, Object-Oriented Programming, CI/CD, NoSQL, AWS, Kafka, Kubernetes, System Design

WORK EXPERIENCE

Bank Of America

July 2022 – Present

Software Engineer

Hyderabad, India

- Led full-stack development of a critical banking loan application for FRB reporting, achieving a 60% boost in client satisfaction through a responsive **React.js** interface.
- Enhanced data sourcing and transformation using **Python backend** restful services, increasing processing efficiency by 45%, integrated seamlessly with Oracle SQL and authentication using JWT tokens.
- Collaborated with cross-functional teams to enhance loan file management processes, leading to a **20% reduction in errors** during downloads from API responses.
- Ensured coding standards by implementing robust practices, caching, Tooling, **debugging** using chrome devTools and regular reviews, **reducing code issues by 25%** and improving maintainability.
- Directed frontend enhancements focused on responsiveness and app development for both iOS and android users, creating a more intuitive user experience and optimized application performance.

Virtusa

Jan 2022 – Feb 2022

Full Stack Developer, Intern

Remote

- Spearheaded a focused on generating and downloading files from API responses, including CSV and XLSX formats. Exhibited strong expertise in **REST APIs integration**, and data handling, Implement Graph, chart-based UI and UX.
- Identified and **debugged complex bugs** by creating unit test cases and tooling, resulting in a 30% increase in application efficiency. Optimized code to boost performance and ensure the scalability of large-scale applications.
- Led **DOM manipulation** optimizations, improving application performance and scalability by refining code and implementing best practices.

PROJECTS

CodeLance: *Freelancing platform* | ReactJS, NodeJS, ExpressJS, MongoDB, CSS

[Link](#)

- Developed a dedicated freelancing platform, CodeLance, that connects clients with skilled developers for their projects. With seamless communication and collaboration features.
- Utilize the **MERN** stack (MongoDB, Express, React.js, Node.js) to build a scalable and robust application with MVC frameworks infrastructure with Responsive UI front-end.

BookStore: *e-commerce application* | ReactJS, CSS, CommerceJS and Stripe

[Link](#)

- Created a user-friendly online bookstore application using **React.js** for the front end and CommerceJS for the back-end services.
- Implement a robust e-commerce solution that allows users to search for books, manage a shopping basket, and make secure purchases.
- Integrate Stripe's payment API to facilitate seamless and secure credit card transactions.

EDUCATION

Vellore Institute of Technology

August 2018 – July 2022

Bachelor of Technology in Information Technology

Vellore, Tamil Nadu

CERTIFICATIONS

JavaScript - IBM

June 2024

IBMCE CEJS1IN Certificate by IBM Developer Skills Network

Python - IBM

June 2024

IBMCE CEPYT1IN Certificate by IBM Developer Skills Network