

Results-driven Software Engineer with 1 year of experience in software development, secure software practices, and architecture-driven thinking. Skilled in leading secure application design, integrating third-party components, and collaborating across teams to deliver scalable, maintainable, and compliant solutions. Experienced in code reviews, documentation, and performance monitoring, with a strong foundation in modern frameworks, CI/CD practices, and emerging tech trends like AI-driven enhancements.

SKILLS

Programming Languages	C++, Java, JavaScript, Typescript, Python
Tools & Platforms	Git, GitHub, VS Code, Vercel, Firebase, Figma, Postman, Postgres
Frameworks & Libraries	React.js, Next.js, Angular, Node.js, MongoDB, React Native, Sass, Tailwind CSS, Material UI

TECHNICAL EXPERIENCE

Associate Software Engineer for Client BMW

Nov 2024 — Present

Accenture

Gurugram

Contributed in development for WPAMS (Web Platform Administrator Management System), a WebOps application for BMW, focused on improving admin workflows and system usability.

- Developed and enhanced the WPAMS platform, **improving efficiency** and **user experience** for admin operations.
- Built dynamic and responsive UI components using **Angular**, **TypeScript**, and BMW's in-house **Density framework**, boosting performance by **25%**.
- Worked with backend using **Java** and **PostgreSQL** to integrate **REST APIs** and enable seamless data flow.
- Applied **best practices** in code structure and **performance optimization**, reducing application QA bugs by **30%**.
- Contributed to deployment processes using **AWS services**, ensuring **smooth and timely releases** with zero downtime.

Software Engineer I

July 2024 — Nov 2024

takeUforward

Bangalore

Worked in development of popular Data Structures and Algorithms preparation platform, a feature-rich learning dashboard used by **1 million+** users to practice DSA.

- Developed features using **React.js** and **Node.js**, improving user experience and system performance.
- Built and integrated **REST APIs** using **Express.js** and **Redis**, enabling fast, reliable data transfer and reducing API response time by **30%**.
- Designed reusable, responsive UI components with **Tailwind CSS** and **Redux**, accelerating frontend development by **25%**.
- Developed and used **Redux.js** for **efficient state management** in applications, ensuring smoother user interactions and easier data handling.
- Worked with **cross-functional teams** to deploy features using **AWS**, helping keep the app running smoothly with **almost no downtime** and supporting **regular updates** through **CI/CD**.

PROJECTS

VideoHub

- Developed a Creative and interactive YouTube clone using **React.js** and **Material UI**.
- Implemented seamless **video playback** functionality with features such as **play**, **pause**, **volume control**, and **full-screen mode**, simulating real-world video streaming behavior.
- Attracted over **400+ user reactions** and **24,000+ impressions**, showcasing strong user engagement on the platform.
- Developed a powerful **search functionality** with dynamic **filters**, enabling users to efficiently discover content.
- Integrated **Rapid APIs** to fetch and display real-time video data, ensuring up-to-date content with minimal latency.
- Developed a fully **responsive web interface** with clean, minimal UI design, optimized for both desktop and mobile devices.

Redditify

- Developed a Reddit clone using **Next.js**, **TypeScript**, **Chakra UI** and **Firebase** for the backend.
- Implemented secure **authentication system** allowing users to **register**, **login**, and maintain session state.
- Enabled a wide range of community interactions including **joining/leaving communities**, **creating/deleting posts**, **commenting**, **voting**, and **counting comments**, simulating real Reddit behavior.
- Used **React Hooks** to manage complex state transitions efficiently, improving performance and code modularity.
- Ensured a fully **responsive**, **mobile-friendly UI** using Chakra UI components and maintained **code reliability** with strong typing in **TypeScript**.

EDUCATION

Asansol Engineering College

Bachelor of technology in Information Technology — 9.19 CGPA

July 2020 — June 2024

Asansol, West Bengal

Green Point Academy School, Kultora

Junior and Senior Secondary

April 2008 — March 2020

Kultora, West Bengal