

Aaryan Mori

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Dallas, TX

WORK EXPERIENCE

Full Stack Developer

Oct 2023 – Present

FabLab [JavaScript, React.Js, Node.Js, MySQL, Redux, Azure]

Arlington, TX

- Spearheaded the development of FabApp, a management and ticketing system used by 15,000 students at the University of Texas at Arlington, successfully migrating from PHP to React.js using advanced React hooks.
- Architected a scalable Node.js backend, restructured MySQL schema for efficient query retrieval, and optimized RESTful APIs, achieving a 3X performance improvement.
- Implemented SSO with Azure AD and SAML, designed JWT authentication strategies for token-based sessions, and enforced role-based access control for secure, granular user access.
- Led development using Agile and Scrum methodologies, ensuring iterative delivery, continuous integration, and cross-functional team collaboration for efficient project execution.
- Enhanced state management in React.js using Redux, streamlining ticket handling and payment authorization.

Software Developer

Jan 2023 – Aug 2023

HealthTick [TypeScript, Next.Js, Firebase, Redux, Strapi]

Bangalore, India

- Engineered an innovative psychological assessment platform with Next.js, Firebase, and Express.JS; implemented real-time data processing capabilities, enabling instant feedback for users and facilitating over 2,000 assessments completed in the first quarter.
- Constructed a high-performance health blog with Next.js, achieving a 35% faster load time; implemented Strapi as a headless CMS, streamlined content processes, and improved publishing efficiency for 20+ authors.
- Designed and optimized an intuitive Admin Panel for the nutritionist team, enhancing data visualization with React graphing libraries and refining REST APIs for seamless performance.

Founder

May 2021 – Aug 2023

Privilon Technologies [JavaScript, TypeScript, React.Js, Next.Js, Node.js, AWS]

Bangalore, India

- Launched a strategic software development firm providing consulting services to over 8 clients and start-ups.
- Developed and deployed 10+ web applications in React.Js, collaborating with lead developers and senior engineers.
- Delivered 15+ projects across various domains, increasing client efficiency by 40%.
- Established a community and taught 75+ students web development and programming through React.js.

KEY PROJECTS

Polymer Bazaar India Pvt. Ltd.

[React.JS, Next.JS, JavaScript, Firebase, Redux, Express.JS, PWA]

- Built a web platform providing real-time raw polymer pricing data and global market insights, serving 700+ traders daily while automating 500+ Excel sheets monthly into REST APIs for dynamic visualization.
- Integrated a custom CMS, reducing backend data management time by 60% and improving operational efficiency.
- Transformed complex data into interactive graphs, infographics, and detailed analyses for better market insights.

Cruzo

[React.JS, Next.JS, TypeScript, Firebase, Redux, Express.JS, PWA]

- Developed a dynamic rideshare application using React.js, providing seamless ride booking and management across multiple university locations, ensuring a highly responsive user interface and optimized performance.
- Enabled Progressive Web App (PWA) functionality, enhancing mobile user experience with offline capabilities and fast load times, offering a native app-like experience on mobile devices.
- Implemented secure routes and server-side rendering, significantly improving page load speed and reducing latency.

PROGRAMMING SKILLS

Languages / Frameworks / Libraries / Tools

- C, C++, Python, Java, JavaScript, TypeScript, React.Js, Next.js, Node.js, Express.js, PostgreSQL, MongoDB,
- Git, GitHub, Firebase, Jest, Google Cloud, Azure, AWS, Tailwind CSS, Prisma, Docker, OAuth, Zustand

EDUCATION

University of Texas at Arlington

Arlington, TX

Master of Science in Computer Science, CGPA [3.83/4.00].

Aug 2023 – May 2025

Ahmedabad University

Ahmedabad, India

Bachelor of Technology in Computer Science and Engineering

Aug 2019 – May 2023