Aaryan Mori

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New York City, NY

WORK EXPERIENCE

Founding Software Engineer
Aug 2025 – Oct 2025

Misprint Inc (YC W25)   [Next.js, TypeScript, Supabase, PostgreSQL, Edge Functions, Vercel]   *New York City, NY*

- Architected and optimized Next.js + Supabase infrastructure powering real-time trading and valuation of Pokémon collectibles, scaling to millions of prices and historical data points.
- Designed performant PostgreSQL schemas and Supabase migrations to improve query efficiency and reduce data latency by 60% across key endpoints.
- Implemented serverless functions for heavy data aggregation and dynamic pricing updates, leveraging Supabase Edge Functions and background tasks.
- Rebuilt the Collections module into a full trading hub—tracking user portfolios, computing asset valuations for graded/ungraded cards, and enabling shareable, monetizable collections.

Full Stack Developer
Oct 2023 – Aug 2025

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.
- 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.

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.

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*