

Ami Mehta

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SUMMARY

Software Engineer with over 4 years of professional experience in full-stack development and AI integration. Demonstrated expertise in delivering scalable, user-focused applications augmented with advanced AI capabilities to enhance functionality and user engagement. Dedicated to fostering innovation, continuous professional development, and effective collaboration within multidisciplinary teams to drive forward-thinking solutions.

PROFESSIONAL EXPERIENCE

Software Engineer at FlairX

San Francisco, CA (Mar 2025 - Present)

- Architected key components of the **Interview-as-a-Service platform**, specifically building the Interviewer, Company, Candidate, and Admin platforms to streamline the interview process.
- Engineered robust RESTful APIs and **component-driven frontend architecture** to support seamless multi-role interactions and real-time interview scheduling.
- Improved overall platform performance by **18%** by implementing advanced frontend optimization techniques including **lazy loading**, **code splitting**, **input debouncing**, and **image optimization**, resulting in faster load times and a significantly enhanced user experience.
- Tech Stack Used:** *React, TypeScript, JavaScript, Node.js, Express.js, PostgreSQL, REST APIs, Docker, AWS, GitHub Actions, CI/CD, HTML5, CSS3, Tailwind CSS, Axios, Redux, Jest, StoryBook, Figma, Swagger.*

Software Engineer Intern at Diffusive.AI

San Jose, CA (Jul 2024 - Nov 2024)

- Joined the **founding engineering team** and played a key role in developing **AI-powered educational tools** and **interactive game features**, designed to improve technology literacy among non-technical users.
- Contributed to backend services using **Python** and the **Flask framework**, integrating AI models and ensuring data flow consistency across client and server.
- Tech Stack Used:** *Next.js, TypeScript, MongoDB, Python, Flask, JavaScript, HTML5, CSS3, REST APIs, Git, Postman, Vercel.*

Full Stack Developer at Theorist World

Remote (Feb 2022 - Feb 2025)

- Engineered **high-performance, scalable web applications** using **React.js, Node.js, Express.js**, and **MongoDB**, delivering tailored solutions across multiple industries with a focus on reliability.
- Designed and implemented a **comprehensive Facility Management System** for a US-based healthcare provider, automating inventory tracking, reducing manual effort, and enhancing cross-system integration with existing medical software.
- Boosted front-end performance by **7%** by fine-tuning UI responsiveness, optimizing component rendering, and reducing bundle size, resulting in faster load times and an improved user experience.
- Tech Stack Used:** *React.js, Node.js, Express.js, MongoDB, JavaScript, HTML5, CSS3, REST APIs, Git, Postman, Webpack, Babel, d3.js, Vercel, Material UI, Python Fast API, Redis, Firebase, Firestore.*

Assistant Manager at Axis Bank

Gandhinagar, India (Nov 2016 - May 2021)

- Progressed to Assistant Manager in Gold Loan Operations, leading a team in gold loan processing. Elevated to the role of Customer Relationship Executive, handling inquiries and resolving escalated issues within 24 hours, resulting in a notable **3-4% company growth** and implementing retention strategies leading to a **5% improvement** in customer retention ratio.

Software Developer at Theorist World

Gandhinagar, India (May 2015 - Oct 2016)

- Developed and maintained responsive and visually appealing web applications using **HTML5, CSS3, JavaScript, React** and others ensuring cross-browser compatibility and accessibility.
- Conducted thorough testing and debugging of web applications, identifying and resolving issues related to functionality, performance, and user experience.
- Tech Stack Used:** *HTML5, CSS3, JavaScript, React, Git, REST APIs, Chrome DevTools, Jest, Webpack.*

EDUCATION

Full Stack Development Certificate Program (Purdue University, Indiana)

(Mar 2022 - Jan 2023)

Bachelor of Engineering in Computer Engineering (Gujarat Technological University, India)

(Jul 2011 - May 2015)

TECHNICAL SKILLS

- Languages, Frameworks & Libraries:** HTML, CSS, JavaScript, TypeScript, React, Redux, Next.js, Node.js, Express.js, REST API, GraphQL, Tailwind CSS, Bootstrap, Python
- Cloud & Development Tools:** AWS, Docker, Git, GitHub, Bitbucket, Postman, Figma, Vercel, Netlify
- Databases:** MongoDB, MySQL, Firebase, PostgreSQL
- Testing Frameworks & Libraries:** Jest, React Testing Library, Vitest
- AI Tech:** Prompt Engineering, Natural Language Processing, LLM Integration (Open AI and Gemini), RAG.

Projects : <https://github.com/amehta7>