Inshaad Merchant

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EDUCATION

University of Texas at Arlington   Arlington, TX
Honors Bachelor of Science in Computer Science, Minor in Mathematics   *Aug. 2021 – May 2025*

TECHNICAL SKILLS

Languages: Java, Python, C, C++, JavaScript, TypeScript, SQL, NoSQL
Frameworks and Libraries: ReactJS, NodeJS, Next.js, ExpressJS, Flask, pandas, NumPy, Tkinter
Developer Tools: Git, Unix, Linux, NetBeans, VS Code, Android Studio, Firebase, MongoDB, Agile, Waterfall, PyCharm, AWS, Microsoft Azure AD, MATLAB, Vercel, Pinecone, Clerk, Stripe
APIs and Services: OpenAI

EXPERIENCE

Web Developer, HackUTA   Mar. 2024 – Present
Association of Computing Machinery (ACM), UTA   *Arlington, TX*

- Working with a team of individuals to develop and modify the website for HackUTA.
- Using React, Node.js, Next.js, and Typescript to modify webpages and add features to them.

Web Developer and Executive Officer   May. 2024 – Present
Society of Computing and Artificial Intelligence (SCAI), UTA   *Arlington, TX*

- Responsible for promoting the organization's initiatives and activities through strategic marketing and effective communication to engage and inform the target audience.
- Using React, Node.js, and Next.js to develop their website.

PROJECTS

AI Customer Support | *NextJS, React, OpenAI, Vercel, Pinecone*   Jul 2024 – Sep 2024
- Developed an AI customer support system using Next.js and React, leveraging OpenAI for enhanced automation and 50 percent faster response times.
- Deployed on Vercel with Pinecone integration, ensuring efficient data management and scalability for real-time interaction handling.
- Introduced advanced AI technologies to improve service quality and customer satisfaction, enabling 24/7 intelligent support capabilities.

AI Flashcards SaaS | *NextJS, React, Firebase, OpenAI, Clerk, Stripe*   Jul 2024 – Sep 2024
- Developed an interactive SaaS application utilizing Next.js and React, enabling users to generate educational flashcards through OpenAI's API based on keyword input, enhancing learning and study efficiency.
- Implemented a secure user authentication and payment system using Clerk and Stripe, which supports account sign-ins and allows users to purchase subscription plans, streamlining the upgrade process and payment completion for enhanced user engagement.
- Leveraged Firebase for backend data management, ensuring secure storage and retrieval of user-generated flashcards, with capabilities for users to save and manage their flashcards across sessions, promoting a personalized learning experience.

MLHConnect (HackSMU) | *Express.js, Node.js, MongoDB, React, Redux, multer, bcrypt*   September 2023
- A web application developed for all participants of hackathons to foster team building and network with other teams and professionals during and after the hackathon, and stay connected with upcoming MLH events.
- Features include creating posts, adding friends, and maintaining profiles.
- Used MongoDB as a real-time database to store user-related data and login information in the backend.

HackUTA Website | *Next.js, ReactJS, TypeScript, TailwindCSS, MongoDB, SendGrid, Vercel*   Mar 2024 – Present
- Implemented React in the frontend and MongoDB as a realtime database in the backend to store user data.
- Implemented a live chat window using ChatGPT's API to provide 24/7 tech support to participants.