Adil Irshad Hasan

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EDUCATION

University of Texas at Dallas | *B.S. in Software Engineering*   *Expected Graduation: May 2026*
- ***GPA:*** 3.7
- ***Relevant courses:*** Discrete Math, Computer Architecture, Probability and Statistics of S.E., Mathematical Foundations of S.E., Linear Algebra

EXPERIENCE

Headstarter AI | *Fellowship*   *July 2024 – September 2024*
- Lead a team of 4 software engineering fellows to complete 4 projects before the given deadlines, simulating a real software engineering work environment.
- Built 2 full stack AI projects using technologies like Next.js and Firebase and implementing APIs like OpenAI, Clerk, and Stripe.
- Mentored by top software engineers and CEOs of multi-million-dollar startups on how to optimize user experience when building products.

Crazy Clean Car Wash | *Car Wash Attendant*   *June 2021 – May 2022*
- Collaborated with a team to clean, dry, vacuum, and detail an average of 50 vehicles per day.
- Engaged with customers, ensuring a pleasant experience by addressing specific needs and requests, resulting in a 95% satisfaction rate according to customer reviews.
- Demonstrated attention to detail and time management in a fast-paced environment, reducing service time per car by about 15% overtime in my career.

PROJECTS

AI Customer Support Bot | *OpenAI, React, Next.js, Node.js:*
- Integrated the OpenAI API to handle natural language processing and generate dynamic responses to user inquiries regarding Headstarter AI.
- Utilized Node.js for backend development to manage API requests and real-time data processing.
- Used Next.js for a simple and visually appealing UI and seamless user functionality.

AI Flashcard Generator | *OpenAI, React, Next.js, Node.js, Stripe, Clerk, Firebase:*
- Integrated Firebase to manage and store user data and flashcard collections efficiently as well as a custom RAG pipeline using OpenAI to generate accurate flashcards based on user input.
- Used the Stripe API to implement a tiered subscription model with payment integration, offering both a standard and premium package with varying flashcard limits.
- Implemented the Clerk API to create a secure user authentication and account management features.

Pantry Tracker App | *React, Next.js, Node.js, Firebase:*
- Used Next.js to develop a seamless item tracking app with simple and appealing UI.
- Implemented a Firebase database for users to keep track of all their items.
- Added functionality by allowing users to add and subtract items as well as edit the quantity or delete the item entirely.

SKILLS

- ***Programming Languages:*** Python, C/ C++, C#, HTML, CSS, JavaScript, TypeScript, Java, SQL
- ***Frameworks:*** Next.js, Bootstrap, Django, React Native
- ***Programming Tools:*** Visual Studios Code, Visual Studios, Git, GitHub, Node.js, React, NoSQL, OpenAI
- ***Skills:*** Object Oriented Programming, Data Structures, Algorithms, Web Development