

NABIT KAROWADIA

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EDUCATION

University of Houston

B.S, Computer Science

Houston, TX

Expected December 2024

- **GPA:** 3.74
- **Honors & Awards:** NSM Dean's List, Academic Excellence Scholarship
- **Relevant Courses:** Data Structures, Algorithms, Operating System, Object-Oriented Programming, Networking, Database Management

EXPERIENCE & LEADERSHIP

Easy Lane Stores

Houston, TX

Software Engineer Intern

May 2024 – August 2024

- Developed end-to-end data visualization tools using Python, Pandas, and Matplotlib, integrated with MySQL to analyze sales trends for 500+ products, enhancing decision-making for 3 department heads across cross-functional teams.
- Executed SQL queries on a database of over 10,000 transactions, leading to a 15% improvement in sales trend analysis and performance metrics reporting.
- Implemented an automated stock-tracking module using Python, reducing manual errors by 30% and significantly streamlining inventory management processes.

Express Fuel Products

Houston, TX

Associate Developer

May 2023 – August 2023

- Assisted in building a web application using Node.js, Express, React.js, and MongoDB, enabling 20+ clients to forecast fuel rates with 95% accuracy and evaluate profit margins.
- Integrated CICD pipelines with GitLab CI for automated testing and deployment, resulting in 30% faster development cycles and reducing manual testing effort.
- Resolved bugs and optimized code using JavaScript and Git, achieving a 15% increase in application stability and performance.

CougarCS

Houston, TX

Design Officer

August 2023 – Present

- Created 30+ visual assets and promotional videos with Figma and Adobe Creative Cloud, boosting brand presence and engagement for the University of Houston's largest computer science organization.
- Coordinated 5+ CougarCS events, each attracting 100+ attendees and boosting member engagement by 20%.
- Managed social media campaigns, increasing the online presence by 30% and contributing to a 15% growth in member sign-ups.

PROJECT EXPERIENCE

Mind Journey

Houston, TX

Personal Project

August 2024 – September 2024

- Deployed a mental wellness website using Next.js, Tailwind CSS, and AI, engaging 300+ users in the first month through personalized resources crafted in Figma.
- Integrated an OpenAI API-powered chatbot, facilitating 200+ personalized interactions in the first two weeks, significantly improving user engagement and mental health support.
- Implemented user authentication and data storage with Firebase, ensuring secure access and personalized experiences for 300+ users.

AI-Powered Study Tool

Houston, TX

Personal Project

July 2024 – August 2024

- Created a study tool generating personalized flashcards, which supported 100+ users, leading to 200+ hours saved in study time.
- Developed a secure platform using Next.js, Firebase, and Clerk, with over 100 users securely logging in and generating 500+ flashcards.
- Integrated a paid subscription model, attracting 10+ subscribers, with each user managing up to 50 flashcards per session.

TECHNICAL SKILLS

Languages: Python, C++, JavaScript, TypeScript, C#, HTML, CSS, SQL

Frameworks & Libraries: React, Node.js, Next.js, Angular, Spring, Tailwind CSS, PowerShell

Developer & Design Tools: Git, Github, Azure, Jenkins, Firebase, MongoDB, Jira, Visual Studio, Figma