

PRANAV CHHABRA

pranavchhabra.com | [LinkedIn](#) | [Github](#) | +1 (608) 895 1403 | pranavchhabra88@gmail.com

EDUCATION

B.S. in Computer Science with Distinction, University of Wisconsin - Madison, USA

[Graduated: May 2024] **GPA: 3.85/4**

Relevant Coursework: Building User Interfaces, Intro to Algorithms, Intro to Operating Systems

DEVELOPMENT EXPERIENCE

TeammateME – Full Stack Developer Intern

[Jul 2024- Present]

- Collaborate with both web and app development teams to design, develop, and maintain scalable and efficient software solutions using *React.js*, *React-Native*, *Expo*, *Node.js*, and *MongoDB*.
- Enhance the SEO of the company's web platform, implementing best practices that improve site visibility and drive organic traffic.
- Participate in daily stand-up meetings and sprint planning, contributing to agile project management and ensuring timely delivery of features and bug fixes.

Headstarter AI – Software Engineer Fellow

[Jul 2024 – Aug 2024]

- Created and launched AI-driven web applications, including Profscore, PantryPal, and Calmify, using *Next.js*, *Firebase*, *OpenAI*, and *Pinecone*, with each app serving 150-200 users.
- Implemented AI features for personalized recommendations, real-time customer support, and image recognition, collaborating with cross-functional teams to ensure scalability and enhanced user engagement.
- Engaged in weekly knowledge-sharing sessions with industry experts from Google, Y Combinator, Stanford, and Amazon, gaining insights into advanced AI practices and innovative development techniques.

Capital One – App Development Team Lead & Scrum Master

[Sep 2023- Dec 2023]

- Led a 6-member Agile team to develop the “MonsterRewards” iOS app using *Swift* and *SwiftUI*, enhancing user engagement by 20% with innovative UI/UX design.
- Managed Agile processes with *JIRA*, improving team productivity by 10% and reducing project timelines by 15%.

AiRo Digital Labs - RPA Developer Intern

[Jun 2022 – Aug 2022]

- Developed automation programs using *UiPath* and *VB.NET*, reducing manual task execution by 30% and saving 20 hours per week.

COURSE PROJECTS

Profscore AI: Professor Rating & Finder | [Next.js](#), [Pinecone](#), [OpenAI](#), [Cheerio](#), [Hugging Face](#)

[Aug 2024]

- Developed an AI-powered rating platform using *React.js*, *Next.js*, and *OpenAI*, enabling **150+** users to search and filter professors by ratings and popularity, boosting search accuracy by **30%**.
- Integrated *Pinecone* for complex vector search and *Cheerio* with *Puppeteer* for web scraping, automating data extraction from Rate My Professor and populating the platform's database, serving over **200** users.
- Utilized *Hugging Face* for vector embeddings, enhancing search and recommendation capabilities for a personalized user experience.

Calmify AI: Flashcards for Emotional Support | [Next.js](#), [OpenAI](#), [Stripe](#), [Firebase](#)

[Aug 2024]

- Created a web app using *Next.js* and *OpenAI* to deliver personalized emotional support flashcards, engaging over **250** users with tailored advice based on real-time mood analysis.
- Incorporated *AWS Rekognition* for facial emotion detection, increasing content relevance by **40%**, and utilized *Firebase* for secure user authentication and scalable access.

Pantry Tracker AI | [ReactJS](#), [Next.js](#), [Firebase](#), [GPT Vision API](#), [MaterialUI](#)

[July 2024]

- Built a pantry management app with AI-driven recipe suggestions, reducing manual item input by **80%**.
- Integrated *GPT Vision API* for photo-based item recognition, processing images with **95%** accuracy.
- Optimized the interface using *MaterialUI*, enhancing loading speeds by **50%** and ensuring a seamless user experience.

SKILLS

- Languages & Tools:** Java, JavaScript, Swift, C, PHP, Git, JIRA
- Web Development:** *React.js*, *React Native*, *Next.js*, *Node.js*, *Express.js*, *Tailwind CSS*, *Material-UI*
- Databases & Cloud:** *MongoDB*, *MySQL*, *AWS*, *Firebase*, *Google Cloud*, *Vercel*, *Stripe API*, *Clerk*
- AI & Machine Learning:** *OpenAI*, *AWS Bedrock*, *Hugging Face*, *Pinecone*, *AWS Rekognition*, *GPT Vision API*
- Methodologies:** Agile (Scrum, Kanban, Scrumban)