AMMAR BIN AAMIR KHAN

+92-337-832-6012 | Pakistan | My Website | LinkedIn | ammar.khaan05@gmail.com

PROFESSIONAL SUMMARY

Motivated software engineer and website creator with a strong foundation in backend development and over 4 years of coding experience, starting with Python in 2020. Proficient in React and Next.js frameworks, specializing in building dynamic websites with robust user authentication using Clerk and Firebase as the backend database. Successfully developed 5 projects, primarily websites, within a 7week period, demonstrating efficiency and a passion for web development. Seeking to leverage these skills in creating innovative web solutions.

TECHNICAL SKILLS

Languages	C++, Python, JavaScript
Tools & Libraries	React, Next.js, MUI, Firebase, OpenAI API, Vercel

EXPERIENCE

Software Engineering Fellow   July 2024 - September 2024

Headstarter AI   *Remote*

- Built and deployed 5 AI projects in 5 weeks using React JS, Next.js, Firebase, Clerk, and Vercel, following agile methodologies with weekly sprints.
- Worked in a team of 3 to develop an interactive customer support agent using Next.js, integrated a custom RAG pipeline using OpenAI and Pinecone that responds based on a company's knowledge base
- Collaborated with 3 Fellows to build and deploy a SaaS product that generates dynamic flashcards based on any topic using the Gpt4o via the OpenAI API.
- Implemented an AI based Teacher Review website, for IBA, which got 300 People on the waitlist in two days.
- Scaled each web-app to 200+ users, iterated on user feedback to make continuous optimizations.
- Participate in weekly sessions with engineers from Google, Y Combinator, Stanford, Amazon and venture-backed startups

PROJECTS

- Pantry Buddy: A pantry management tool with AI-based recipe suggestions from items in the pantry.
    - Technologies: React, Next.js, MUI, Firebase, OpenAI API, Vercel.
- CodeBuddy: An AI-based chatbot designed to assist with C++ programming, utilizing o   Technologies: React, Next.js, MUI, Firebase, OpenAI API, Pinecone, RAG, Vercel.
- FacultyInsight: A platform providing IBA students with teacher reviews and helping instructors receive feedback to foster a better learning environment.
    - Technologies: React, Next.js, MUI, Firebase, OpenAI API, Vercel.

CERTIFICATES

[PCEP-30-02] PCEP – Certified Entry-Level Python Programmer

EDUCATION

Bachelor of Science, Computer Science, Institute of Business Administration (IBA), Karachi, Sindh Expected May 2027

Pakistan International School English Section Jeddah - PISJ-ES Rehab Street A levels, Computer Science · (September 2009 - July 2023)