

Atharva Khairnar

(512)-839-0764 | atharvakhairnar@gmail.com | linkedin.com/in/atharvakhairnar |

EDUCATION

The University of Texas at Dallas

Bachelor of Science in Computer Science

Relevant Coursework: UNIX Programming, Advanced Data Structures and Algorithms, Software Engineering, Computer Architecture, Computer Networking

Richardson, TX

Aug 2024 - May 2027

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML/CSS, C++, Assembly

Frameworks: React, Node.js, Flask, WordPress, Next.js, FastAPI, Vite, Pytorch

Developer Tools: Git, Docker, Figma, Google Cloud Platform, VS Code, Amazon Web Services, Excel

EXPERIENCE

Full Stack Web Development Intern

May 2023 – Aug 2024

Yogik Roots

- Built a full e-commerce website using WooCommerce + custom PHP/JS integrations, supporting dynamic product listings and cart/checkout flows.
- Improved SEO visibility by conducting keyword research, schema markup updates, and performance optimization, increasing organic traffic by 30% .
- Implemented backend automation scripts for product uploads and inventory updates, reducing manual work by 40% .

Stem Tutor

Jun 2023 – Aug 2024

Leap4Ward

- Delivered individualized curriculum across math, programming, and logic for 30+ students, resulting in a 25% improvement in performance.
- Created interactive problem-solving exercises and data-driven progress tracking tools using Google Sheets.
- Increased engagement by integrating real-world CS and math applications (e.g., algorithms, game logic, physics modeling).

PROJECTS

VibeCheck | *CodeBERT, Python, JavaScript, React, RestAPI, Pytorch*

- * Developed a full-stack web application that reads the users codebase, scans the tech stack, analyzes for any potential vulnerabilities, and returns possible solutions.
- * Trained a CodeBERT model tuned on web scraped common vulnerability data and DiverseVul dataset
- * React dashboard and visualization with Github OAuth user login

Stock Market Predictor | *Python, Matplotlib, React, Pytorch, Pandas, Yahoo Finance*

- * Builds predictive regression models from real-time and historical stock market data to forecast price movements, trend directions, and key financial indicators
- * Built ML model using pandas and Pytorch, pulling pricing, volume, and technical indicators from Yahoo Finance
- * Created interactive dashboards using Matplotlib that visualize historical trends, feature importance, model predictions, and error margins.
- * Uses a React dashboard with MongoDB user storage

Smart Vehicle Financing Advisor | *FastAPI, Python, Gemini API, React, Git*

- * Developed an interactive full-stack web application that personalizes Toyota vehicle financing and leasing options using real-time simulations and AI-generated insights.
- * Built a FastAPI backend that performs real-time finance and lease calculations, and payment breakdowns
- * Gemini API to generate tailored car recommendations and financial guidance based on user profiles.
- * Collaborated with Minecraft server administrators to suggest features and get feedback about the plugin