Deep Patel

deepkalpana1@aol.com | 843-624-5046 | https://deepthepatel.github.io/website/

SKILLS

Developer Tools: Git, AWS, Azure, MS SQL Server Management Studio, Visual Studio, VS Code, React, .NET, WordPress, Android Studio, Expo, Firebase, Docker, Microsoft Office
Languages: C#, Python, Java, JavaScript, HTML/CSS, SQL
Technical: JUnit/Automated testing, Agile Methodologies, SCRUM, Mobile Application Development, Cloud Computing, APIs, Artificial Intelligence, Machine Learning, Object-Oriented Programming

EDUCATION

University of South Carolina – Columbia   May 2024
Bachelor of Science in Computer Science | Bachelor of Arts in Media Arts
Coursework: Data Structures & Algorithms, Software Engineering, Databases, AI, Operating Systems

RELEVANT EXPERIENCE

Prompt Engineer | *Outlier*   Oct 2024 – Present

- Developed and tested prompts to train AI models for accurate and coherent code and text outputs
- Enhanced AI learning through complex challenges, response rewrites, and error analysis
- Ensured assignment quality as a Senior Reviewer, verifying accuracy and client readiness
- Designed algorithms in Python/Java to simulate model outputs and support AI training workflows

Website and Technology Department Manager | *National STEM Honor Society*   Aug 2023 – Jul 2024

- Maintained and optimized company website, resolving technical issues and improving functionality
- Contributed to the full-stack development of the company website ensuring seamless integration
- Supervised department interns, providing training, mentorship, and leading weekly team meetings

PROJECTS

Artificial Intelligence Project | *Python, Machine Learning*   Aug 2023 – Dec 2023
Utilized **machine learning** to implement a **binary classification** solution on a large image dataset of defective and non-defective potato chips. Utilized **PyTorch** and **Keras** libraries to produce models that averaged 95% and 98% accuracy respectively.

Scheduler X | *JavaScript, HTML/CSS, React Native, Expo, Firebase, APIs*   Aug 2023 – May 2024
Android application developed in **JavaScript** with a team of five using **React Native**. Designed back-end system using **Firebase**, implemented **JUnit** tests and behavioral tests using **Detox**, designed UI and application theme using **HTML/CSS**, integrated **API** data, and developed the app's website.

Blackjack | *C#, SQL, .NET, SQL Server, Amazon Web Services, Docker*   Jul 2024 – Aug 2024
Console-based blackjack card game developed using **C#** and the **.NET framework** and containerized using **Docker**. Database hosted on **AWS** and managed using **SQL Server Management Studio**.

AWARDS

- Microsoft AZ-900 Certification
- International Baccalaureate Diploma
- REST Engineer Certification
- Microsoft C# Fundamentals Certification