

# Deep Patel

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

## SKILLS

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**Developer Tools:** Git, AWS, Azure, MS SQL Server Management Studio, Visual Studio, VS Code, React, .NET, WordPress, Android Studio, Expo, Firebase, Docker

**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

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**University of South Carolina – Columbia**

May 2024

Bachelor of Science in Computer Science | Bachelor of Arts in Media Arts

*Relevant Coursework:* Data Structures & Algorithms, Software Engineering, Database Design, AI

## RELEVANT EXPERIENCE

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**Prompt Engineer | Outlier**

Oct 2024 – Present

- Crafting prompts to progressively train generative AI models to write code
- Assessing the factuality, relevance, and quality of domain-specific text produced by AI models
- Evaluating and ranking code generated by AI models for clients

**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 mentorship and leading weekly team meetings
- Delivered comprehensive training to interns, enhancing their understanding of business procedures and WordPress capabilities

## PROJECTS

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**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

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