ANIYA KUMARI

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Summary

Innovative and detail-oriented Computer Science student with a strong foundation in engineering. Proven ability to develop scalable software solutions and troubleshoot complex issues, contributing effectively to projects involving distributed systems and automation infrastructure. Proficient in multiple programming languages and frameworks such as C++ and CSS architecture. Strong understanding of stateful and stateless components. Eager to collaborate on internal projects and deliver customer outcomes.

Education

Chandigarh University   Aug 2022– June 2026
Bachelor of Engineering in Computer Science (CGPA: 8.2/10)   *Mohali, India*

St Thomas School   Session: 2020-21
10th **(PERCENTAGE: 90.6%)**   *Bahadurgarh, India*

St Thomas School   Session: 2018-19
12th **(PERCENTAGE: 85%)**   *Bahadurgarh, India*

Technical Skills

Languages and Databases: C, C++, Python, Java
Web Development : HTML, CSS, React.js, Node.js
Tools and Platforms: Git, GitHub, Visual Studio Code, Figma
Technical /Area of Interest : Data Structures, Algorithms, Networking, User Interface
Soft Skills : Team work, Problem-Solving, Adaptability, Focused, Attention to Detail

Experience

Metacrafters   May2024 -july 2024
- Gained expertise in **Poly Proof** for optimizing multi-chain interactions and ensuring seamless interoperability between various blockchain networks.
- Mastered **ETH Proof**, enhancing my ability to develop, validate, and deploy efficient Ethereum-based smart contracts, ensuring robust security and compliance with decentralized protocols.
- Developed advanced skills in **JS Proof**, applying JavaScript-based proofing mechanisms to streamline transaction verification and reduce execution overhead in decentralized systems.

Personal Projects

Employee Management System   March 2024 - May 2024
- Designed a secure login system with role-based access control, ensuring data privacy for employees and administrators.
- Developed a comprehensive Employee Management System with features for employee onboarding, payroll processing, and performance tracking, ensuring efficient HR operations.

Property Price Prediction   January 2023 – April 2023
- Developed a machine learning model using Python (Pandas, Scikit-learn) to accurately predict property prices based on features such as location, area, and amenities, achieving a prediction accuracy of 85%.
- Implemented data preprocessing pipelines, including feature engineering and outlier detection, to ensure high-quality input data, improving model performance and reducing error rates by 20%. times by 25% and management of service transactions.

Snake and Ladder   January 2024 – February 2024
- Developed a feature-rich Snake and Ladder game using Python and Pygame, integrating multiplayer functionality and a visually appealing user interface to enhance the gaming experience.
- Implemented game logic with random dice rolls, dynamic player tracking, and ladder/snake interactions, ensuring seamless gameplay and error-free functionality.

Certifications

- Multi-Core Computer Architecture – **Certified by NPTEL**
- NoSQL, Big Data, and Spark Foundations– **Certified by Coursera**
- Cybersecurity Attack and Defense Fundamentals – **Certified by Coursera**

Research Paper

- Ethical concerns over Autonomous Vehicles- Based on Ai frameworks (Pulished)

Achievements

- Basketball Player (District Level)

Interpersonal Skills

- Communication Skills
- Leadership Skills
- Persuasion Skills