Aditya Pratap Singh

✉ Email   in LinkedIn   GitHub

Passionate and ambitious software enthusiast eager to secure an enriching internship opportunity aimed at advancing proficiency in software development. Dedicated to tackling challenges, making valuable contributions within a team environment, and actively seeking ongoing learning prospects.

EDUCATION

Vellore Institute of Technology, Vellore September 2021 - Present
B. TECH in Computer Science and Engineering *GPA: 8.89*

Dr. Virendra Swarup Education Centre, Panki, Kanpur July 2020
Higher Secondary Certificate *Percentage: 92.6%*

Dr. Virendra Swarup Education Centre, Panki, Kanpur July 2018
Matriculation Certificate *Percentage: 93.4%*

EXPERIENCE

Abhisan Technology Oct 2023 - Dec 2023
AI/ML Intern
- Implemented and optimized deep learning models using TensorFlow, improving accuracy by up to 20% in image classification tasks.
- Collaborated with a team of data scientists, delivering solutions that reduced processing time by 30% and increased predictive accuracy by 15%.

Samsung PRISM R&D, Bengaluru Feb 2024 - Jun 2024
Intern
- Metaverse Development: Explored and developed immersive virtual experiences using Unity and Web3.
- AI-Enhanced Gallery App: Developed and integrated AI-powered features into the gallery app, transforming saved moments into interactive slideshows and stories, resulting in a 50% boost in user retention and satisfaction.
- Technologies Used: Unity, Web3, Python, TensorFlow, PyTorch.

PROJECTS

Discord ChatGPT Bot
- Created a Python-based Discord Chatbot.
- Integrated OpenAI GPT-3.5 for natural language processing.
- Customized commands and moderation features for a user-friendly experience.
- Achieved 95% accuracy in understanding user queries, handling over 1,000 messages daily.

Compiler with C++
- Created a C++ compiler for translating high-level code to machine instructions.
- Implemented lexical analysis, syntax parsing, and code generation.
- Achieved a 40% performance improvement in code execution compared to traditional compilers.

CryptoTracker Website
- Utilizes JavaScript, Python, and APIs for real-time data retrieval.
- Monitors over 100 cryptocurrencies, providing updates every 5 minutes.

Netflix Clone
- Developed with Flutter for cross-platform compatibility.
- Responsive UI, video streaming functionality.
- Can handle 200+ concurrent users with minimal latency.

TECHNICAL SKILLS

Programming Languages: Java, C, C++, Python, SQL, R
Web Technologies: HTML, CSS, JavaScript, React
Tools: Git, Tableau, AWS
Concepts: Object Oriented Programming (OOP), Data Structures and Algorithms (DSA), Computer Networks, Data Mining, Information Security

CERTIFICATIONS

Oracle Java Certified Foundations Associate
URL: https://drive.google.com/file/d/1cSGNYkz7M385PjDn66je-5E0VwRwLLz2/view?usp=sharing
AWS Certified Solutions Architect – Associate
URL: https://drive.google.com/file/d/1qTK0VeEBS32a2tEcmdJNVfaq7zuqKoH0/view?usp=sharing