DIVYANGSHU PANDEY

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EDUCATION

FUTURE INSTITUTE OF TECHNOLOGY Kolkata, WB
Bachelor of Technology 2024
Computer Science and Engineering (IoT, Cybersecurity & Blockchain)
Cumulative GPA: 9.07/10.0

NATIONAL HIGH SCHOOL Kolkata, WB
CBSE Senior Secondary - Science 2020
WBBSE Secondary

EXPERIENCE

Winter Intern On-site
Oil and Natural Gas Corporation (ONGC) Jan 2024 – Feb 2024
- Designed and built an interactive web-based application that, allows users to visualize and interact with block distribution within a specific geographic basin.
- Implemented comprehensive administrative functionality within an admin panel, providing authorized users with access to all available data and enabling actions such as creating, adding, deleting, and editing block information.
- Leveraged a robust technology stack including ASP.NET Core Razor Pages, .NET Core 6.0, and MySQL database, to craft an intuitive user interface, ensuring seamless navigation and efficient data interaction.
- Enhanced security and integrity by implementing password-protected access to an administrative panel also Implemented an access code functionality to restrict user registration.

Frontend Development Intern Remote
Edunet Foundation Jun 2023 – July 2023
- Designed and developed a revamped clone of the Spotify music player website with enhanced UI elements
- Utilised HTML, CSS, and JavaScript to create a visually appealing and functional website.
- Implemented responsive and resizable containers and cards for improved user experience.
- Attained certification and elevated proficiency in front-end and other topics through the IBM SkillsBuild platform

PROJECTS

EV CHARGING PLATFORM USING BLOCKCHAIN
- Developed a decentralised P2P EV charging application to solve transparency and centralization issues in existing platforms.
- Implemented Solidity smart contracts for secure, transparent transactions and data storage on the blockchain using Truffle.
- Built user-friendly dashboards for users and providers with React.js and used Web3.js for interaction with an Ethereum node.
- Used Ganache for local blockchain simulation and testing, Deployed on Sepolia testnet using Alchemy API endpoint.

FLUTTERFIRE CONTROLHUB
- Designed and developed ControlHub, a comprehensive remote device control centre using Flutter, Firebase, and NodeMCU.
- Streamlined real-time device management and control, enhancing productivity and convenience.
- Implemented an intuitive user interface for easy monitoring and management of connected devices.

TECHNICAL SKILLS

- Programming Languages: Java, C/C++, JavaScript.
- Frontend Development: HTML, CSS, JavaScript, Bootstrap.
- Backend Development: ASP.NET Core, C#, Solidity.
- Database: MySQL.
- Frameworks: Flutter, ASP.NET Core Razor Pages, Entity Framework Core, Truffle.
- Version Control: Git.
- Other: Data Structures and Algorithms, Object-Oriented Programming, Blockchain, Web3.

ADDITIONAL

Languages: Fluent in English and Hindi, conversational proficiency in Bengali
Core Competencies: Product Ideation, Problem-Solving, Communication, Team Collaboration, Innovation
Certifications & Training: Meta - FED Professional Certificate (Pursuing), Getting Started with AWS Machine Learning