Aditya Sahu

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Education

DY Patil University   **Navi Mumbai, India**
Bachelors in Computer Engineering (CGPA - **9.06**) TILL SEM 6   2020-current

Relevant Coursework - Honours in Data Science, Cloud Computing as Elective, CyberSecurity

Projects

Peer-to-Peer Taxi Booking Application | Flutter, Dart, OpenStreetMap API
- A peer-to-peer application for booking taxis without centralised servers.
- Developed as an incentive to help taxis reduce or eliminate pay cuts charged by popular companies.
- Used IPFS protocol for storing orders in the blockchain.
- Integrated the front end with flutter and dart framework.

Pixel Art | HTML/CSS, NodeJS, Javascript, Canvas API, Redis, Socket.io
- Developed a full-fledged scalable application with backend for drawing pixels on a 1000x1000 canvas.
- Each client receives real-time updates to the canvas through web sockets.
- Data is stored in memory using Redis for frequent access.
- MongoDB is used to achieve persistence in the database.

Corporate Social Responsibility Event Management | ReactJS, SprintBoot - Java, MySQL
- Developed an application for managing CSR events. All events are displayed actively on the Event List.
- Clients can either access the website as admins or attendees.
- Used ReactJS as the frontend server and integrated HTTP Restful API in Spring Boot Java.

CNN based Blood Cancer Prediction | Python, Tensorflow, Keras, Google Code Collab
- Developed and implemented a CNN-based blood cancer prediction model as part of a research project.
- Utilised a dataset of patient blood samples, including various clinical features in the C-NMC dataset.
- Preprocessed the dataset, performing feature engineering to enhance the model's predictive capabilities.
- Designed and trained a convolutional neural network (CNN) architecture using TensorFlow and Keras.

Technical Skills

Languages:	C/C++, JAVA, JavaScript, Dart, Git.
Frameworks & Libraries:	React.js, Flutter, NodeJS. ExpressJS, SpringBoot
Other Skills:	Debugging, Project Documentation, Linux Shells, Docker.

Certificates

Harvard Business School Online	Entrepreneurship Essentials	*2023*
Harvard Business School Online	*Business Analytics*	*2022*
Harvard Business School Online	*Sustainable Business Strategies*	*2021*
Amazon Web Services (AWS) Educate | *Introduction to Cloud 101*	*2022*

Achievements & Extracurriculars

- Participated in a Hackathon conducted by TIAA and developed a Corporate Social Responsibility application.
- Secured **10** Grade points in Data Structures, Database Management Systems in Semester – III
- Secured **10** Grade points in Computer Networks, Software Engineering
- Attended workshops on blockchain CSI and CSI Publicity Team
- Participated in Flipkart Grid 5.0 Hackathon, 2023