Sanket Jadhao

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EDUCATION

- **Master of Science in Computer Science** | University of Florida, Gainesville, FL | **GPA: 3.83/4.00 08/2023 - 05/2025**
- **Bachelor of Technology in Computer Science** | MIT-WPU University, Maharashtra, India | **CGPA: 9.58/10.00 08/2019 - 05/2023**

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, Kotlin, HTML/CSS, JavaScript (ReactJS), Solidity, Angular
- **Tools & Frameworks:** Android Studio, Jetpack Compose, TensorFlow, Pandas, NumPy, BeautifulSoup, Scrapy, OpenStreetMap API, Git/GitHub, Gradle, SQLite.

EXPERIENCES

Software Intern (Capstone Project) | Snapper Future Tech, Pune, India **01/2023 – 06/2023**

- Worked on a web-based marketplace with Blockchain integration, focusing on secure transaction management and decentralized applications.
- Responsible for integrating the marketplace with MetaMask using Web3.js, enabling seamless user interaction with blockchain wallets.
- Gained experience with Solidity to develop and deploy smart contracts on Ethereum and Hyperledger frameworks.
- Collaborated closely with the development team to troubleshoot and optimize blockchain connectivity and transaction flows, enhancing security and performance.

Software Intern | Tata Motors, Pune, India **07/2022 - 12/2022**

- Developed an Android app to predict electric vehicle (EV) range, integrating real-time data from the engine control unit (ECU) and OpenStreetMap API.
- Utilized elevation data from the OpenStreetMap API to perform basic calculations for range prediction, improving the app's ability to estimate range based on geographical factors.
- Collaborated with cross-functional teams, including software, mechanical, and electrical engineers, to ensure the successful integration of hardware and software systems in this evolving project.

PROJECTS

Research Collaboration Dashboard | *Angular, Golang* | *University Project* **2025**

- Built a responsive, component-driven front-end using Angular for a platform where researchers can register, log in, manage profiles, and create/join projects.
- Integrated a secure login system with JWT-based authentication using Angular HTTP interceptors and session storage to protect routes and API calls.
- Created a dedicated project dashboard for logged-in users, featuring dynamic project tiles loaded from a Go-based backend API and displayed using a responsive grid.
- Communicated with a RESTful backend (written in Golang) for all CRUD operations, adapting frontend logic to consume nested API responses.

Comparative Law Analysis Using NLP | *Python, BERT, GPT-2, TensorFlow* |*University Project* **2024**

Developed a Natural Language Processing (NLP) system to compare legal frameworks between two U.S. states using BERT and GPT-2 models.

- Scraped legal data from the Justia website, cleaned and processed it into structured datasets for model analysis.
- Evaluated model performance using cosine similarity and other metrics to measure the effectiveness of different language models in interpreting legal texts.
- Delivered insights into cross-state legal variations, contributing to the course's research on AI applications in the legal field.

RESEARCH PAPERS

S. Kinger, B. V. Reddy, S. Jadhao, K. Hambarde, A. Hullur, "Malware Analysis Using Machine Learning Techniques," 2022 2nd International Conference on Intelligent Technologies (CONIT), Hubli, India, 2022. IEEE Link

EXTRACURRICULAR ACTIVITIES

Minecraft Mod Development

- Developed a small addon for a popular Minecraft mod, enhancing gameplay by adding new features and improving functionality. This project helped refine my skills in **Java** and **modding tools** used in the Minecraft development community.