

Sanket Jadhao

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INTRODUCTION

Driven Master's student in Computer Science specializing in full-stack web development, blockchain, and data analysis. Eager to apply Python, Java and other frameworks, and machine learning expertise to create impactful solutions.

EDUCATION

University of Florida, Gainesville <i>Master of Science, Computer Science</i>	Aug 2023 - May 2025 GPA: 3.83/4.00
MIT-WPU University, Maharashtra, India <i>Bachelor of Technology, Computer Science</i>	Aug 2019 - May 2023 GPA: 9.58/10.00

PROFESSIONAL EXPERIENCE

Snapper Future Tech - Web3 Developer Intern	Jan 2023 - Jun 2023
<ul style="list-style-type: none">Spearheaded the integration of a web-based marketplace with blockchain technology, enhancing secure transaction management and increasing processing efficiency by an estimated 15%.Engineered MetaMask wallet integration using Web3.js for over 500 test users and developed robust Solidity smart contracts for Ethereum and Hyperledger, reducing potential security vulnerabilities by 20%.Collaborated within a 5-member development team to troubleshoot and optimize blockchain connectivity and transaction flows, significantly improving overall system security and performance.	
Tata Motors - Android Developer Intern	Jul 2022 - Dec 2022
<ul style="list-style-type: none">Developed a native Android application to predict Electric Vehicle (EV) range by integrating real-time ECU data and OpenStreetMap API, improving range estimation accuracy by 10-12%.Leveraged OpenStreetMap API elevation data to perform complex calculations, enhancing the app's predictive capabilities across diverse geographical terrains for a test group of 20+ engineers.Partnered with a 10+ member cross-functional team (software, mechanical, electrical) to ensure seamless hardware/software integration and contribute to the project's iterative development.	

ACADEMIC PROJECTS

Research Collaboration Dashboard	Jan 2025 – April 2025
Technical Skills: Angular, Golang, JWT, RESTful APIs, HTML/CSS	
<ul style="list-style-type: none">Architected and built a responsive, component-driven Angular front-end for an anticipated 100+ researchers, enabling user registration, profile management, and project collaboration features.Implemented a secure login system with JWT-based authentication via Angular HTTP interceptors and session storage, ensuring 100% protection for user routes and API communications.Designed and developed a dynamic project dashboard displaying 50+ concurrent project listings from a Go-based backend, facilitating efficient CRUD operations through RESTful API consumption.	
Comparative Law Analysis Using NLP	Aug 2024 – Dec 2024
Technical Skills: Python, BERT, GPT-2, TensorFlow, Scikit-learn, Pandas, NumPy, BeautifulSoup, Scrapy	
<ul style="list-style-type: none">Developed an NLP system (BERT, GPT-2) to compare legal frameworks by analyzing 1,000+ documents, achieving 85% accuracy in identifying similarities/differences.Scraped and processed data from 500+ web pages (Justia) and identified 3 key areas of legal divergence, contributing to AI research in law.	

TECHNICAL SKILLS

- Programming Languages:** Python, Java, Kotlin, JavaScript (ES6+), TypeScript, Solidity, Golang, HTML5, CSS3
- Web Development:** ReactJS, Angular, AstroJS, Node.js, Express.js, TailwindCSS, Web3.js, RESTful APIs
- Mobile Development:** Android Studio, Jetpack Compose
- Databases:** MySQL, MongoDB, Oracle, Oracle SQL, SQLite, Firebase
- Machine Learning:** TensorFlow, Keras, Scikit-learn, BERT, GPT-2
- Data Science & Tools:** Pandas, NumPy, BeautifulSoup, Scrapy, OpenStreetMap API, Git/GitHub, Gradle

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](#)