

Saurav Madake

• Sambhaji Nagar, 431001 • sauravmadake890@gmail.com • (+91)9172027838 • [LinkedIn.com/in/sauravmadake](https://www.linkedin.com/in/sauravmadake)

SUMMARY

Highly motivated B.Tech student specializing in IoT, Blockchain, and Cybersecurity, with hands-on experience in building cloud-native applications, AI-driven solutions, and data-driven business transformation tools. Proficient in Python, AWS, Flutter, and full-stack development, with a strong foundation in machine learning and emerging technologies. Passionate about leveraging innovation to optimize business processes and deliver measurable outcomes.

EDUCATION

B.Tech Computer Science and Engineering (IoT, Blockchain, and Cybersecurity)	2022 - 2026
MGM University School of Engineering & Technology	B.Tech

SKILLS

Languages: Python, JavaScript, Dart, Kotlin, HTML/CSS, Java, SQL, Node JS.
Cloud & DevOps: AWS, Firebase, Git, GitHub, Cloud Computing, DevOps, Digital Transformation.
Tools and Libraries: Langchain, TensorFlow, NumPy, Pandas, Matplotlib, Flutter, MySQL.
Soft Skills: Problem-Solving, Critical Thinking, Project Management, Communication, Teamwork.

EXPERIENCE

AI and Data Analytics Intern, Edunet Foundation	Dec 2024 – Jan 2025
<ul style="list-style-type: none">AI and data analytics projects, applying machine learning techniques to real-world problems.Applied ML to real-world datasets, that supported business decision-making and digital transformation.Skills acquired: GenAI, LLM, NLP, Streamlit, Python, ML.	
Web Developer Intern, Bharat Intern	March 2024 – April 2024
<ul style="list-style-type: none">Built interactive web applications to enhance user engagement through customized data visualization.Real-time user feedback mechanisms, JS to trigger unique sound effects based on weather conditions.Skills acquired: JavaScript, HTML, CSS, Fetch API.	
Machine Learning Intern, Suvidha Foundations	Feb 2024 – April 2024
<ul style="list-style-type: none">Analyzed educational data using ML to enhance learning for underprivileged students.Explored ML for personalized education and predicting student success in innovative learning programs.	

PROJECTS

AI-Powered Investing & Trading - Fin Stock (GDG)

- AI-Powered Chat** provides stock information, another **AI User Portfolio Analysis**, offers suggestions.
- Real-time Trading Insights** enhanced by **AI for trade opportunities**, **AI-driven risk management** technical indicators (RSI, MACD).
- Technologies: Dart, Flutter, LLM, Gemini AI, Trading View API, Google IDX.

Smart Irrigation System for Precision Farming (Funded Project)

- Developed an IoT/AI system **optimizing water** usage by 40% and **reducing manual** effort by 60% through **real-time monitoring** and **predictive analysis**.
- Android App, Cloud** for **control and 99.9% uptime**, supporting farms up to **100 acres**.
- Technologies: IoT, AI, Raspberry Pi, Android, Firebase.

Telematics App – Smart Vehicle Data Acquisition (Endurance Hackathon 2025 Project)

- Using OBD-II to deliver **real-time vehicle insights** and secure **Firestore cloud integration**.
- AI-powered features including** intelligent vehicle **health diagnostics**, personalized **driving pattern analysis**, proactive **maintenance predictions**, and **AI-suggested optimal routes**.
- Technologies: Flutter, Dart, Firebase, OBD-II, IoT, Cloud Storage.

AI-Powered Legal Information System (Law-Specter)

- LLM-based App increased **FIR filing accuracy by 30%** and **reduced processing time by 20%**.
- Features **95% accurate legal query analysis**, precise legal references, **multilingual input** (text & speech), and real-time case law updates.
- Technologies: Ollama, Chroma DB, LLM, ML, AI.

AWARDS/ CERTIFICATIONS

<ul style="list-style-type: none">Endurance'25 Hackathon: Certificate of Recognition (3rd Prize).JPMorgan Chase & Co – Software Engineering Job Simulation	<ul style="list-style-type: none">Ethical Hacking Essentials (EHE).Machine Learning Security AWSCloud Computing With AWS.IDE Certificate of Appreciation MGMU
--	--

VOLUNTEERING

<ul style="list-style-type: none">IEEE CODE'A'THON 2K24 MGMU: Organizer	<ul style="list-style-type: none">Web Development Contest MGMU: Organizer
--	--