SATVIK ANDE

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Education

Prof. Ram Meghe Institute Of Technology And Research Badnera — Amravati, Maharashtra
B.E (Information Technology) — *CGPA: 8.39 - Dec 2021-Aug 2025*

Shankarrao Bande Art And Science College — Warud, Maharashtra
Higher Secondary Education — *Percentage: 91.17 - July 2020- March 2021*

Experience

AI-ML Virtual Internship — June 2023 – Dec 2023
EDU-Skill

- Developed a solid understanding of machine learning algorithms and essential data preprocessing methods.
- Completed a 4-week online Machine Learning course that included quizzes and assessments. Gained hands-on experience through a practical project, applying key ML concepts with faculty support.
- Collaborated on a live project under the guidance of senior mentors, gaining valuable real-world exposure and strengthening practical development skills.

Cloud Virtual Internship — March 2024 – Aug 2024
EDU-Skill

- Gained practical experience with key AWS services like EC2, S3, IAM, and VPC, improving cloud deployment skills. Built a strong foundation in cloud computing concepts, including scalability, elasticity and various service models.
- Handled real-time tasks focused on managing cloud infrastructure, configuring networks and implementing access controls to create secure and reliable environments.

Projects

Smart Home Automation using IoT and Deep Learning | *Python, OpenCV, YOLO, ESP32, Blynk IoT*

- Developed an AI-powered smart home system that uses YOLO deep learning algorithm for real time human detection through a camera to automate appliances.
- Integrated ESP32 NodeMCU, relays, and Blynk IoT cloud app to control lights, fans and plugs based on human presence, improving energy efficiency and convenience.
- Programmed the system using Python and OpenCV, enabling live object detection and triggering IoT devices through serial communication and cloud interfaces.
- Achieved automated, responsive and sustainable energy management, reducing unnecessary power usage and supporting a safer, smarter living environment.

Electric Billing System (mini project) | *Java, Maven, Git* — May 2018 – May 2020

- Developed a Java-based Electricity Billing System using Swing, AWT and MySQL to automate customer billing, payment and record management.
- Implemented role-based access for Admin and Customers with features like bill calculation, data update and online payment functionality.

Technical Skills

Java, HTML, CSS, JavaScript, SQL, C Fundamentals, GitHub, VS Code

Skills

Self-learning, Leadership, Team Work, Problem Solving, Communication