

AYUSH SUNIL MANE

Karad, Maharashtra

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EDUCATION

Shivaji University

Bachelor of Technology in Computer Science & Engineering

July 2022 – May 2026

Karad, Maharashtra

COURSEWORK / SKILLS

- Internet Of Things
- Database Management
- Artificial Intelligence
- Software Methodology
- Cyber Security

PROJECTS

IoT-Based Home Automation System | Arduino, LDR, CLCD, Blynk IoT App

- Designed an IoT system to automate lighting, temperature, and water tank control using real-time sensor data.
- Provided a cost-effective, centralized smart control solution with remote monitoring.
- Integrated Blynk mobile app and simulated hardware using PicSimLab.
- Implemented LDR-based lighting automation, LM35 temperature control, and water valve management.

Heart Disease Prediction Using Machine Learning | Python, Scikit-learn, Pandas, NumPy

- Built a supervised machine learning model to predict the presence of heart disease from clinical attributes.
- Performed data preprocessing, feature-target splitting, and train-test validation on a medical dataset.
- Implemented Logistic Regression for binary classification and evaluated performance using accuracy metrics.
- Developed a predictive system to classify new patient inputs based on trained model outputs.

Amazon Clone Web App | HTML, CSS

- Developed a front-end Amazon-inspired e-commerce website with homepage, product sections, and navigation bar.
- Built responsive layouts using modern CSS including grids, hover effects, and flexbox-based UI components.
- Created reusable product cards, category tiles, banners, and footer sections replicating Amazon-like UI patterns.
- Ensured cross-device compatibility and enhanced UI/UX through responsive design and optimized layout structure.

TECHNICAL SKILLS

Languages: Java, C, C++, SQL, Python

Developer Tools: VS Code, Android Studio, IntelliJ IDEA, Eclipse, NetBeans, Jupyter Notebook

Frameworks: HTML5, CSS, Blynk, Streamlit

Databases: MySQL

ACHIEVEMENTS / CERTIFICATIONS

- Earned IBM SkillsBuild badges in Journey to Cloud and Enterprise-Grade AI.
- Completed the TCS Cybersecurity Analyst Virtual Experience on Forage.
- Microsoft Learn Student Ambassador — Completed Azure AI Fundamentals Challenge (Mar 2024).