

Apeksha M

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Mysore, Karnataka

Objective

Passionate Electrical and Electronics Engineering student skilled in Python, Backend Development, AI/ML, and Full-Stack Web Development. Eager to contribute to innovative projects, AI solutions, and full-stack development roles.

Education

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|---|---------------------------|
| JSS Science and Technology University, Mysuru, Karnataka Bachelor of Engineering (B.E.) in Electrical and Electronics Engineering <i>Expected Graduation: 2026</i> | <i>Nov 2022 – Present</i> |
| Aradhana PU College, Mandya, Karnataka Pre-University Course (Class 12) | <i>Jun 2022</i> |
| Government High School (GHS), Makodu, Mysuru, Karnataka Secondary School Leaving Certificate (Class 10) | <i>May 2020</i> |

Skills

Programming: Python, SQL, OOPs, DSA

Web Development: MERN (MongoDB, Express, React, Node.js), Flask, REST API, SQLAlchemy, Redis, HTML, CSS

AI/ML: ANN, CNN, Image Processing, MATLAB

Tools: Git/GitHub, Arduino, ESP8266, Blynk

Projects

BookHeaven – MERN E-commerce Application

Full-stack digital bookstore using the MERN stack with JWT authentication, cart, wishlist, order management, and an admin panel.

AI-based Fault Detection in Electric Vehicles (FYP – Ongoing)

Developed an AI system for EV motor fault diagnosis using Python and MATLAB; implemented ANN for predictive maintenance.

Flask Web Application

Built a Flask app with SQLAlchemy, Redis, and REST APIs; integrated authentication and real-time data handling.

Achievements

- Program Coordinator at CSI Club, SJCE – led technical projects and events.
- Participated in multiple college-level technical workshops and expos.

Languages

Kannada (Native), English (Professional), Hindi (Understanding)

Interests

Dance, Exploring AI & Tech innovations, Reading self-growth and personal development books