Manjunath Suresh Patil

Email: Patilmanjunath0410@gmail.com | **Phone:**(+91) 7676264993

LinkedIn | GitHub

Summary

Final-year Computer Science Engineering student with a strong foundation in Python ,Java, C, SQL and web technologies like HTML/CSS. Experienced in building real-world projects and solving Data Structures and Algorithms problems. Passionate about technology and software development, with a strong interest in contributing to innovative and impactful solutions.

Skills

Programming Languages : Python, Java, C, SQL, SQLAlchemy, and HTML/CSS.
Tools and Frameworks : FastAPI, TensorFlow, OpenCv.
Cloud and Services : Git/GitHub , AWS(EC2, DynamoDB, S3), IoT .
Developer Tools : VS code, Eclips , SeleniumIDE, TablePlus, MySQL, P ostgreSQL, PostMan.

Experience

SmartBorn Software Consulting PVT.LTD   Sep 2025 – Present

Python Backend Developer Intern
- Designed and developed scalable RESTful APIs and backend services using Python FastAPI .
- Built and optimized database schemas in MySQL / PostgreSQL for high-performance data management.
- Implemented authentication, authorization, and data validation to enhance application security and reliability.
- Improved system performance by debugging, profiling, and optimizing backend logic.
- Integrated backend APIs with frontend and third-party services, ensuring seamless data exchange.
- Utilized Git/GitHub for version control and deployment automation.

Enthu Technology Solutions India Pvt. Ltd.   Jun 2024 – Jul 2024

Embedded Systems and IoT Technologies Workshop
- Built and deployed Python-based IoT solutions using microcontrollers and sensors
- Connected IoT devices to cloud platforms for secure data transfer, storage, and analysis
- Python**,** ESP32 / Arduino**,**DHT11 / Ultrasonic sensors / other IoT sensors**,** Cloud platforms Like ThingSpeak**,** AWS IoT **,** MQTT Protocol**,** Embedded C

Education

RajaRajeswari College of Engineering   *June 2022- June 2026*
B.E in Computer Science and Engineering   **CGPA : 9.1/10**
- Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms Operating Systems, Computer Networks, Machine Learning, Advance Data Structures and Algorithms, Information Retrieval, Artificial Intelligence, Software Engineering

Project Work

Kisan Khatri (Startup Project – in progress) :
- Developing Kisan Khatri , a startup platform aimed at simplifying digital interaction
- Working on secure backend with FastAPI , JWT and PostgreSQL,python
- Designing an intuitive and responsive frontend using React.js , HTML/CSS

Sign Language Detection in Video and Real-Time Video Calls (Present) :
- Built a dual-mode sign language recognition system using Python, TensorFlow, and MediaPipe.
- Enabled real-time transcription in video calls with <50ms latency using WebRTC and TensorFlow Lite.
- Deployed a secure, scalable backend with Docker, Kubernetes, and AES-256 encryption.

Certifications

- **Programming in JAVA –** NPTEL (IIT Kharagpur)
- **Data Analytic And Forensic Technologies –**Deloitte Australia
- **C** and **C++ programming –** SARVA I.T
- **Core Java -** SARVA I.T