JAYANTH C

+91 8088912064 — jayanthjayanthc96@gmail.com — Bengaluru, Karnataka
linkedin.com/in/jayanthc18 — github.com/JayanthC6

PROFILE

Backend developer specializing in Python and API development with hands-on experience building scalable backend services, data ingestion pipelines, and workflow automation. Experienced in designing RESTful APIs, integrating third-party services, and writing clean, maintainable code for real-world SaaS products. Strong problem-solving mindset with enthusiasm for startup environments and AI-driven automation.

SKILLS

Programming: Python, JavaScript, Java, C, SQL
Backend Development: Flask, Node.js, Express, REST APIs, API Integration, Third-Party APIs
Databases: PostgreSQL, MySQL, MongoDB, Prisma ORM
AI & Automation: TensorFlow, Machine Learning, Workflow Automation, Data Pipelines, Web Scraping
Tools: Git, Linux, Socket.io, JWT Authentication, Zod Validation, Jest Testing

EDUCATION

Master of Computer Applications (MCA) - Computer Science   2024 – Present
Bangalore Institute of Technology, Bengaluru   *CGPA: 8.78*

Bachelor of Computer Applications (BCA) - Computer Science   2021 – 2024
VET First Grade College, Bengaluru

CGPA: 8.6

EXPERIENCE

Machine Learning Intern   December 2023 – March 2024
AISECT, Bengaluru
- Developed Python-based data ingestion pipelines for preprocessing and model training on real-world datasets.
- Built automated workflows for data processing and implemented scalable backend services for ML operations.
- Collaborated with cross-functional teams using Agile methodologies and documented clean, well-structured code.

PROJECTS

Collaborative Task Management Application
- Built production-ready backend APIs using Node.js, Express, and PostgreSQL with Prisma ORM for task management and real-time collaboration.
- Integrated Socket.io for real-time updates, implemented JWT authentication, and developed third-party API integrations.
- Wrote clean, scalable, well-documented code with comprehensive Jest testing and Zod validation for API endpoints.

AI-Powered Brain Tumor Diagnosis System
- Developed scalable Flask backend API with data ingestion pipelines for real-time MRI image processing using TensorFlow.
- Integrated third-party APIs and built automated workflows for AI model inference and data transformation.
- Implemented clean architecture patterns and documented API endpoints for seamless frontend integration.

Smart Attendance Tracker
- Built backend services with Flask and MySQL, creating RESTful APIs for data management and automated workflows.
- Developed data ingestion pipelines, optimized SQL queries, and implemented secure authentication mechanisms.
- Reduced manual errors by 40% through automated validation and scalable backend architecture.

CERTIFICATIONS

Programming Using Python – Infosys Springboard
Programming Using JAVA – Infosys Springboard
Cloud Computing fundamentals – IBM
OCI Certification – Oracle
Introduction to Cybersecurity – Cisco Certification