

Kedar Jevargi

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Summary

Motivated Computer Science undergraduate with a strong foundation in **backend development**, **software engineering**, and **computer networks**. Skilled in building APIs, authentication systems, and database-driven applications. Interested in large-scale distributed systems, microservices, and system architecture. Hands-on experience with software development practices, including version control, debugging, and testing. Eager to contribute to software development and internship roles by designing scalable backend services, collaborating in agile environments, and integrating AI/ML technologies into real-world applications.

Skills

Languages: Python, Java, SQL, C

Technologies: FastAPI

Databases: MySQL, MongoDB

Developer Tools: Git, GitHub, VS Code, Windows/MacOS/Unix, Postman

Concepts: Data Structures & Algorithms, OOP, Backend Development, REST APIs, System Design

Education

B.M.S. College of Engineering, Bengaluru

2023 – 2027

Bachelor of Engineering in Computer Science and Engineering

Relevant Coursework: Object-Oriented Programming, Databases, Discrete Mathematics, Data Structures and Algorithms, Operating Systems, Computer Networks

Project Work

- **FastAPI Authentication + Transpose API (2025):** Developed a secure FastAPI backend with JWT-based authentication and authorization, implementing user signup/login with hashed passwords, SQLAlchemy + SQLite integration, and Pydantic validation; designed a protected Transpose API for Hindustani music notation accessible only to authenticated users, and built a modular architecture with separate layers for models, schemas, CRUD operations, and route handlers. *Technologies: FastAPI, MongoDB, JWT, SQLAlchemy, SQLite, Pydantic, Postman*
- **Health Insurance Premium Predictor API (2025):** Developed a scalable FastAPI application for predicting health insurance premium categories by serving a scikit-learn pipeline (feature preprocessing + RandomForest model) with confidence scores, applied advanced Pydantic models for request validation, and implemented a versioned health-check endpoint for monitoring. *Technologies: Python, FastAPI, scikit-learn, Pandas, Pydantic, Postman*
- **Order and Billing Management System (2023):** Built a Python-based CLI application for managing customer orders and invoices, implementing modules to create orders, generate and print bills, update order status, and integrate Excel (openpyxl) for persistent invoice tracking and reporting, streamlining small-scale retail operations and improving billing accuracy. *Technologies: Python, OOPS, openpyxl, Excel, File Handling*

Certifications

- **Software Engineer Intern Certificate** – HackerRank **Credential URL:** Verify Certificate
- **Fundamentals of Backend Engineering** – Udemy **Credential URL:** Verify Certificate
- **Problem Solving (Basic)** – HackerRank **Credential URL:** Verify Certificate
- **SQL (Basic)** – HackerRank **Credential URL:** Verify Certificate
- **Python (Basic)** – HackerRank **Credential URL:** Verify Certificate
- **Introduction to Generative AI** – Google Cloud Skills Boost **Credential URL:** Verify Certificate
- **100 Days of Code: The Complete Python Pro Bootcamp** – Udemy **Credential URL:** Verify Certificate
- **Python Data Structures & Algorithms + LeetCode Exercises** – Udemy **Credential URL:** Verify Certificate

Achievements

- **NMIT Hacks 2025 – National Level Hackathon:** Selected among top 50 teams out of 5000+ participants under the AI/ML track. *Issuing Organization: United Latino Students Association | Credential ID: 9ccc1c77-48ee-481a-be2d-52202208201e* Verify Certificate