

AISHWARYA

B.Tech, Computer Science and Engineering
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SUMMARY

Backend Software Developer with internship experience in building API applications using Java and Python. Strong problem solving fundamentals with **200+ problems solved on Leetcode** using both **DSA and OPP** concepts. Experienced in developing scalable, distributed services and production-ready applications. Quick learner with a mindset of continuous learning and commitment to delivering reliable, high-quality software.

PROFESSIONAL EXPERIENCE

Guardian Life *API Developer Intern* **Feb 2025 – June 2025**

Group Benefits Business Team – Backend Development

- Worked with the Group Benefits Business team. Built a Mini Insurance System using Spring Boot, Spring Data JPA, and REST APIs to support policy and claim management with faster data processing.
- Worked in Agile sprints using Jira and Confluence, collaborating with cross-functional teams and delivering features on time
- Designed a cleaner, modular backend structure using entity-DTO patterns, improving maintainability and overall performance (40%).

KEY PROJECTS

Mini Insurance System — *Spring Boot, JPA, REST APIs, Microservices, Spring Framework, AWS* [Link](#)

Guardian Life –Group Benefits Team

- Designed and developed a backend system inspired by microservice architecture for handling policy and claim workflows using **Spring Boot, JPA, and REST APIs**
- Implemented **entity-DTO mapping**, validation layers, and modular services, improving API performance by 25%. Supported features like company/employee policy retrieval and separate payment flows for premium claim processing, resulting in a 56% efficiency gain.
- Deployed services on **AWS (EC2, RDS, S3)** with CloudWatch monitoring, ensuring scalability, secure storage, and high availability.

WeatherSync Mailer — *FastAPI, MongoDB, SMTP Email Automation, Public API Integration* [Link](#)

Personal Project

- Built a FastAPI-based Email Scheduler system that **automated scheduled email sending**, handled timezone conversions accurately, and processed due tasks every **30 seconds using asynchronous background execution**.
- Integrated **Open-Meteo API** to fetch real-time weather data with 99% successful API response rate, dynamically injecting temperature and weather parameters into email templates for personalized communication.
- Implemented **SMTP email automation using Gmail App Passwords**, enabling bulk scheduling via Excel through MongoDB and complete status tracking (pending, sent, failed).

EDUCATION

Examination	University / Institute	Year	CGPA
B.Tech – Computer Science	Vellore Institute of Technology, Chennai	2025	7.71

TECHNICAL SKILLS

Languages: Java (Multithreading, Core Java8+, OOPs, DSA), Python, SQL, HTML/CSS, MongoDB,, MS SQL server

Frameworks: Spring Boot,JPA, REST APIs, FastAPI,SMTP, Microservices, AWS, Swagger, Postman,React.js

Platform: Windows, Linux, AWS Platform,OPEN AI

Tools: Git/Github, Jira, Confluence, Docker,CI/CD, VS Code, Spring Tool Suite

Soft Skills: Problem Solving, Ownership, Team Collaboration, Communication

CERTIFICATES

- **AWS Cloud Practitioner** – Amazon Web Services.
- **IBM Java Developer Professional Certificate**.
- **IIT Bombay Spoken Tutorial:** Certified in C, C++, and Python.

SCHOLASTIC ACHIEVEMENTS

- Participant – **Smart India Hackathon 2023**.
- Solved **200+ problems on LeetCode** & earned **5-Star Coder** on HackerRank.
- Recognized for consistent performance in **Backend Engineering coursework**.

POSITION OF RESPONSIBILITY

IEEE Photonics Society – Creative Lead **Jan 2024 – Mar 2024**
Led sponsorship initiatives to ensure successful event execution.

Vibrance'24 – Sponsorship Coordinator **Feb 2022 – May 2023**
Directed creative campaigns and coordinated sponsorships for large campus events.