Devdatta Patil

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Summary

Innovative Computer Science undergraduate passionate about designing and building scalable, reliable, and high-performance systems. Experienced in **data structures, algorithms, distributed systems, and full-stack development**. Skilled in developing **end-to-end solutions** across **Java, Python, and JavaScript**, integrating APIs, databases, and cloud infrastructure. Strong foundation in **problem-solving, system design, and AI-driven applications**. Eager to contribute to projects involving scalability, AI, and distributed computing at Google.

Education

VIT Bhopal University — Bhopal, MP
B.Tech in Computer Science | CGPA: **8.01** — Oct 2022 – Jun 2026

KES's Pratap College — Jalgaon, Maharashtra
Class XII | **81.50%** — Jun 2021 – May 2022

St. Mary English Medium High School — Jalgaon, Maharashtra
Class X | **94.80%** — Jun 2019 – Mar 2020

Technical Skills

Languages: Java, Python, JavaScript, TypeScript, SQL, HTML, CSS
Frameworks: React, Node.js, Flask, Next.js
Systems: Distributed Systems, RESTful APIs, Microservices
Databases: MySQL, MongoDB
Tools: Git, Docker, AWS, CI/CD, Linux, Agile
Other: Data Structures & Algorithms, Machine Learning (basics), System Design, OOP

Experience

GirlScript Summer of Code (GSSoC) '24 Contributor — Oct 2024 – Nov 2024
- Implemented **scalable backend features** using JavaScript and REST APIs, improving response time by 18%.
- Resolved performance bottlenecks and enhanced CI/CD pipelines across distributed repositories.
- Collaborated with a global team of 100+ developers to deliver consistent, production-quality code.

Freelance Full-Stack Developer — Jan 2023 – Dec 2023
- Developed full-stack web apps using **React, Node.js, and AWS**, optimizing page load time by 30%.
- Designed and deployed **REST APIs and SQL/NoSQL databases** for high-traffic applications.
- Improved scalability and documentation for live production systems.

Projects

Distributed Real-Time Chat Application — Jan 2024 – Apr 2024
- Designed a low-latency, **distributed chat system** using React, Node.js, and Socket.IO.
- Implemented end-to-end encryption and optimized message throughput for 50+ concurrent users.

Sentiment Analysis (AI & ML) — Nov 2024 – Mar 2025
- Built a scalable sentiment classifier with **Python, Scikit-Learn, and Flask**, achieving 90% accuracy.
- Processed 100k+ tweets using parallelized data pipelines and API automation.

Movie Recommendation System — May 2024 – Jul 2024
- Engineered collaborative filtering model via Flask API; achieved 75% accuracy.
- Designed efficient data storage architecture for user preferences and similarity computations.

Achievements

- Finalist (Top 100) at **Infosys HackWithInfy 2025** among 50,000+ participants.
- Ranked **Top 5%** in NPTEL Cloud Computing (IIT Kharagpur, 23,000+ learners).
- Completed **#100DaysOfCode** with 100-day LeetCode streak.
- Consistent practice in solving algorithmic challenges on LeetCode and Codeforces.

Certifications

- NPTEL - Cloud Computing (IIT Kharagpur) — Apr 2024
- NPTEL - Marketing Analytics (IIT Roorkee) — May 2025
- Ethnus - AWS Solutions Architect (Professional) — Apr 2025
- Ethnus - MERN Full-Stack Development — Apr 2025