

Devansh Prakash Dhopte

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📄 SUMMARY

Self-driven **B.Tech IT student** focused on **backend development**, **cloud-native** applications, and **mobile systems**. Skilled in building scalable backends integrated with Flutter apps using **REST APIs**, **Firebase**, and **Spring Boot**. Experienced with **AWS**, **Docker**, and **CI/CD** for efficient deployment. Familiar with basic **system design**, emphasizing reliability, scalability, and **clean architecture**. Passionate about building maintainable, high-performance systems across mobile and cloud platforms.

🧠 SKILLS

Languages: Java, SQL, Python | **Cloud & DevOps::** AWS, Firebase, Docker, CI/CD | **Databases:** MySQL, PostgreSQL | **Frameworks:** Spring Boot, Flutter | **Tools & Platforms:** Git, GitHub, Postman | **Software Engineering::** Computer Networks, Operating System, OOP, System Design, DBMS

📜 CERTIFICATIONS

- Introduction to Git and GitHub (Coursera) [🔗](#)
- Cyber Job Simulation (Deloitte Forage) [🔗](#)
- Networking Basics (Cisco) [🔗](#)
- Solutions Architecture Job Simulation (Forage) [🔗](#)
- AWS Cloud Technical Essentials (Coursera) [🔗](#)
- DSA and Backend with Java (Coursera) [🔗](#)

📁 PROJECTS

Cyber-Physical Health Monitoring System (CPS) [🔗](#)

Java, Spring Boot, ESP32, REST API, MQTT, PostgreSQL

- Built a **scalable backend** using Spring Boot to stream real-time heart data from **IoT sensors** via HTTP.
- Integrated **AWS IoT Core** and **API Gateway** to **securely** route data with resilience and low latency.
- Hardened system by simulating attacks and implementing **robust security protocols**, ensuring uptime under stress.

Face Detection & Recognition [🔗](#)

Python, AWS EC2, Greengrass, Docker, SQS, FaceNet

- Achieved **95% face match** accuracy with <1s latency using containerized **MTCNN/FaceNet** on edge devices.
- Scaled with **SQS-Lambda pipeline**, optimizing cloud load and performance.

Automated CSV Profiler using LLM [🔗](#)

Python, AWS(S3, RDS)

- Developed a scalable **API tool** that profiled **1M+ records CSVs** and provided **intelligent summaries** using **LLMs**.
- Automated **metadata storage** in **RDS** and optimized file ingestion pipelines using **AWS S3**.
- **Reduced manual profiling** effort by 90%, boosting data engineer productivity significantly.

Movie App (Cineflex) [🔗](#)

Flutter, Spring Boot, RazorPay, PostgreSQL

- Developed a full-stack app integrated with **TMDb API** and **YouTube trailers**.
- Implemented **secure payment gateway** using **RazorPay** with latency <100ms.
- Boosted performance and UX through **API optimization** and **Hive caching**.

🧩 TECHNICAL PRACTICE

- **LeetCode:** 300+ problems completed, including 50+ in SQL; Max rating: 1500+
- **HackerRank:** 100+ challenges tackled, with 30+ focused on SQL
- **CodeChef:** 80+ problems attempted; Max rating: 1300+
- **GeeksforGeeks:** 70+ DSA questions practiced across key topics

🎓 EDUCATION

Nov 2022 – present
Nagpur, MH

Ramdeobaba University
B.Tech in Information Technology
GPA - 8.33

Nov 2020 – 2022
Nagpur, MH

Dharampeth Science College
12th State Board
Percentage - 74.5
MHTCET - 96.80

🧩 LEADERSHIP & INITIATIVES

- Led backend ops for **CodeForce hackathon** with 200+ participants and real-time code evaluation.
- Delivered tech solutions for **government problem statements**, focusing on scalability and societal impact.
- Drove **peer code reviews**, **pair programming**, and knowledge-sharing sessions for junior developers.