MOHIT

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PROFESSIONAL SUMMARY

B.Tech (CSE) graduate with a CGPA of 8.5 and hands-on training experience through an intensive 5-month MERN stack program at Grazitti Interactive. Skilled in full-stack (MERN) development and Unity AR visualization, with experience integrating LLM APIs (Google Gemini) into live web applications. Passionate about building practical applications with strong problem-solving abilities.

EXPERIENCE

Training in Full-Stack Web Development — Grazitti Interactive Jan 2026 – May 2026

- Completed 5-month intensive MERN stack training; built Chronicle, a cultural heritage web platform, as the capstone project with three features:
  - Interactive 3D heritage viewer
  - Cultural event calendar managing 100+ festivals
  - Blog CMS for content publishing
- Worked in an Agile (sprint-based) workflow
- Received a completion certificate with distinction

PROJECTS

Bodh — AR-Based Learning App

- Built an Android AR apk using image tracking for practical subject learning
- Users point camera at educational images -> AR overlays display concept visualizations
- Custom-built 3D models and educational content developed from scratch
- Built and tested with real-world scenarios
- Focuses on making abstract concepts interactive and tangible

Tech Stack: Unity, Android ARCore, Third-party Vuforia, Custom 3D Models

Demo: https://youtu.be/XDYuq3OA_N0

Swasthya — Barcode-Based Food Health Scanner (Live)

- Built full-stack React + Express web app that scans product barcodes and assigns A–E health grades
- Added Gemini API to explain D/E grades and alternative comparisons in natural language with deterministic fallback
- Frontend uses quagga2 for barcode scanning + manual entry fallback
- Backend integrates Open Food Facts API for real-time nutrition data
- Custom rule-based grading algorithm: evaluates sugar, sodium, additives count and NOVA processing level
- Deployed on Vercel (frontend) + Railway (backend) with auto-deploy on git push
- Verified live: tested with 100+ real barcodes

Tech Stack: React.js, Express.js, Open Food Facts API, Google Gemini API, quagga2, Vercel, Railway

Live: https://swasthya-xi.vercel.app

TECH STACK

Languages: Python, SQL

Core CS: OOPS, DBMS, Data Structures and Algorithms

Web Technologies: HTML, CSS, Tailwind CSS

Frontend: React.js

Backend: Node.js, Express.js

Databases: PostgreSQL, MongoDB

Version Control: Git, GitHub

Deployment: Vercel, Railway

Tools: Postman, REST APIs

Other Technologies: GenAI, RAG, LLM

ACHIEVEMENTS

- CGPA of 8.5 in B.Tech (CSE), 2026
- Special Mention and Cash Prize, Innosprint Hackathon — Zoomagine AR Biodiversity App
- Semi-Finalist, Smart India Hackathon (Internal Round)

CERTIFICATES

- Grazitti Interactive — Full-Stack Web Development Training (Completion Certificate with Distinction)
- NPTEL — Database Management System