

Urva Gandhi

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| urvagandhi-portfolio.vercel.app | Ahmedabad, Gujarat, India

CS undergraduate with strong experience in JAVA full-stack development and applied machine learning. Proven hackathon performer (1st Place – RWEsearch Health AI Hackathon 2025) with hands-on experience building data-driven systems, healthcare analytics platforms, and document intelligence pipelines. Passionate about solving real-world problems through rapid prototyping, collaborative development, and practical AI solutions.

Technical Skills

Languages Java, Python, JavaScript, C++

Frontend/Backend ReactJS, Next.js, Spring Boot, REST APIs, NodeJS, Servlets, JSP

Databases & DevOps MongoDB, MySQL, Git, GitHub, Docker, Docker Compose

Concepts DSA, OOP, System Design, REST API Design, Agile

Projects

CoinTrack – Unified Finance Dashboard

Aug 2025 – Present

- github.com/urvagandhi/cointrack
- Building a full-stack finance dashboard aggregating portfolio data from Zerodha and Angel One with P&L tracking, live market data, watchlist, and exportable reports
- Tech: Spring Boot (Java 21), JWT Auth, MongoDB, Next.js, REST APIs

RWEsearch – Healthcare Analytics Platform

Aug 2025 – Sep 2025

- github.com/urvagandhi/RWEsearch-Hackathon | **1st Place – RWEsearch & Health AI Hackathon 2025 (40+ teams)**
- Built a platform predicting hospital readmissions (30/60/90 days) with cost and clinical insights; Smart Model Loader for instant comparison of Logistic Regression, Random Forest, XGBoost, Deep Learning
- Interactive Streamlit dashboard with one-click insights; containerized with Docker Compose
- Tech: Python, Streamlit, Scikit-learn, XGBoost, TensorFlow, Docker

PDF Intelligence Pipeline – Adobe India Hackathon

Jul 2025

- **Selected for Round 2** – Adobe India "Connecting the Dots" Hackathon 2025
- Built offline CPU-only PDF outline extractor (H1–H3, page numbers) processing 50-page PDFs in under 10s using font/layout heuristics; persona-driven intelligence pipeline (student/researcher/manager) with two-stage NLP: keyword filtering + semantic ranking
- Tech: Python, PyMuPDF (fitz), Docker

codeGuardian – AI Vulnerability Detection System

Oct 2025 – Present

- github.com/Harsh204k/codeGuardian
- Building a multi-language AI system detecting security vulnerabilities with CWE/CVE traceability and automated patch suggestions; pipeline combines CodeBERT, GraphCodeBERT, graph-based analysis, and 107-dim feature vectors
- Integrated MegaVul, Devign, DiverseVul, CVEfixes datasets with LoRA/QLoRA fine-tuning for scalable inference
- Tech: Python, PyTorch, HuggingFace Transformers, FAISS, LoRA/QLoRA, NetworkX

Achievements & Competitive Programming

Competitive Programming

- **LeetCode:** 200+ problems solved in Java (leetcode.com/u/urva_gandhi) – Arrays, Strings, Trees, DP, Backtracking

Hackathons & Events

- **1st Place** – RWEsearch & Health AI Innovation Hackathon 2025 (40+ teams)
- **Round 2 Selection** – Adobe India "Connecting the Dots" Hackathon 2025
- **Participant** – Smart India Hackathon 2024 (AI-driven solution track)
- Attended **The Hackers Meetup** – ethical hacking and cybersecurity workshops

Education

Nirma University – Ahmedabad, Gujarat, India

B.Tech in Computer Science & Engineering | Minor: Adaptive AI

Aug 2023 – Present

CGPA: 8.79/10

Advait Vidhyaniketan

HSC – Gujarat Board (GSHSEB)

Jul 2021 – May 2023

Percentile: 99.28

Swami Vivekanand School

SSC – Gujarat Board (GSHSEB)

May 2021

Percentile: 96.92