

Pankh Bansal

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EDUCATION

Vellore Institute of Technology

Bhopal, MP

B.Tech in Computer Science and Engineering with spec. in Health Informatics – 8.74 CGPA

September 2022 – July 2026

DPS Vasant Kunj

Vasant Kunj, New Delhi

Class XII – 96.6%

April 2020 – May 2021

Class X – 98.2%

April 2018 – May 2019

TECHNICAL SKILLS

Java, Python, JavaScript, HTML, CSS, React.js, Figma, MySQL, MongoDB, Excel

CERTIFICATES

- Fundamentals of AI and ML, Vityarthi — *May 2023*
- HTML, CSS, and Javascript for Web Developers, Coursera — *December 2023*
- **Gold medal** for Academic Excellence for **7** consecutive years in DPS Vasant Kunj among 2000 students
- DELF **A2-level** Certification in **French**.
- Full-Stack Mern with MongoDB certification

PROJECTS

Breast Cancer Prediction and Detection Model | *Python, PyCharm, Kandi*

September 2023 – October 2023

- Integrated Kandi Software along with Python to design the model to provide more accuracy than previous models for breast cancer detection.
- Final model showed 93% accuracy after the manual input of user's medical test information and characterised the breast tumor as benign or malignant.

Investify – Open Source Stock Exchange Website | *React.js, Node.js, MySQL, MongoDB*

February 2025- March 2025

- Designed and implemented a self-contained virtual stock trading platform enabling real-time, risk-free paper trading with WebSocket-based order matching and AI-powered trade analytics.
- Integrated scalable backend (Node.js, Express, MySQL, MongoDB) with a React.js frontend, delivering interactive financial dashboards, technical indicators, and personalized investment insights.

EXTRACURRICULAR and ACHIEVEMENTS

- Solved **100+** questions on **LeetCode** as of 22nd March 2025, actively practicing **Data Structures and Algorithms**.
- **Core Member, PR and Outreach** – Vitronix Club (*IoT, Robotics, Autonomous Systems*)
- **Core Member, Content Team** – Null Student Chapter (*Cybersecurity, Blockchain, Awareness Initiatives*)
- **Other Interests:** Reading (Tech & Fiction), Dancing, Singing, Basketball, Badminton
- **Soft Skills:** Time Management, Teamwork, Problem-solving, Attention to details, Engaging Presentation, Knowledge Transfers.
- Participated in **SIH (Smart India Hackathon) 2024**, cleared 1st internal round and partially implemented a federated learning model, model was appreciated by the judges.
- Participated in **HackerRank 2024** hackathon (Domain: Fintech to create a smart digital wallet with a new authentication), **FOSS 2025** (Investify v2 created as mentioned in projects).

