

DHHAIRYA SHUKLA

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EDUCATION

Vellore Institute of Technology

B.tech Computer Science and Engineering - CGPA - 8.34

2021 - 2025

Bhopal, India

Manipal Public School

Higher Secondary Education - Percentage - 90.8%

2020 - 2021

Lucknow, India

Manipal Public School

Secondary Education - Percentage - 87.6%

2018 - 2019

Lucknow, India

COURSEWORK

- Data Structures
- Computer Network
- DBMS
- Web Development
- Algorithms
- Operating Systems
- OOPS Concept
- SDLC

PROJECTS

Suraksha Setu | HTML, CSS, JavaScript, MongoDB, React, Firebase

2023

- Coordinated disaster relief efforts, achieving a **50% increase** in aid distribution efficiency, and reaching **over 500,000 individuals** in need within 24 hours.
- Strategically planned and rapidly deployed resources to serve as a **beacon of hope during emergencies**.
- Established a resilient global support network, expanding connections to 50+ countries, facilitating recovery and reducing **response times by 40%**.

Pixel Forge-AI | MongoDB, React, Firebase

2024

- Developed innovative AI-driven systems, integrating ML techniques to achieve a **40% reduction** in inefficiencies and a **25% boost in productivity**.
- Created intelligent automation and personalized AI interactions, **improving satisfaction ratings by 30%** and **reducing query resolution time by 35%**.
- Used advanced analytics for actionable insights, **increasing ROI by 20%** and supporting smarter decisions.
- Implemented predictive algorithms and NLP, **boosting automation accuracy by 50%** and **cutting manual effort by 45%**.

Care Navigator | Power BI, Healthcare Analytics

2025

- Built an interactive Power BI dashboard for real-time outpatient/inpatient data analysis, aiding **hospital decision-making and resource planning**.
- Visualized key metrics: **patient inflow, bed occupancy, treatment success**, and demographic distributions.
- Integrated dynamic filters for **age, department, time**, enhancing clarity across 1M+ healthcare records.
- Reduced manual reporting by **60%** and supported stakeholders with accurate, actionable insights.

TECHNICAL SKILLS

Languages: C++, Python, JavaScript, SQL

Developer Tools: VS Code, Ms Excel, Adobe Photoshop, Canva, Atom

Technologies/Frameworks: Git, GitHub, ReactJS, NodeJS, ExpressJS, MongoDB, MySQL

CERTIFICATIONS

- Google: Cloud Computing Certification
- NPTEL: Cloud Computing
- Google: Bits and Bytes of Computer Networking
- MERN: Full Stack Certification

EXTRACURRICULAR

- **Generative AI Quiz**, Secured **1st place** in a highly competitive **Generative AI quiz**, outperforming over **850 participants from 50+ colleges** across India during the E-Summit 2024, organized by KJ Somaiya Institute of Management. This achievement highlights my strong understanding of AI concepts.
- **Bit By Bit Hackathon**, Achieved **8th place** out of numerous teams at University.
- **Technical Lead**, Android Club, Organised and executed **10+ impactful** events, fostering community engagement and skill development.