

KOTTE LEELA VAISHNAVI

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TECHNICAL SKILLS

- **Languages & Databases:** Python, Java, C, R, Bash, SQL
- **Web & Design:** HTML, CSS, UI/UX (Basics)
- **AI & Tools:** Prompt Engineering, Jupyter Notebook, VS Code, Git, GitHub, Power BI
- **Systems & Platforms:** Linux (with Cybersecurity basics), DBMS, MS Office, CLI Ops
- **Core Strengths:** Problem-solving, Public Speaking, Teamwork, Project Management, Communication

PROJECTS

QR-Based Medical Intervention App – Academic Project

Tech Stack: Python, Flask, SQLite, Twilio API, Google Maps API

Developed an emergency-response and health-management app using QR tech to provide real-time AI-driven first aid, emergency services access, and health records visibility. Integrated digital health wallets, smart reminders, and hospital locators to support both strangers and registered patients in emergencies and routine care.

Smart Transport Assistant for Vizag – Personal Project

Tech Stack: Python, SQLite, Pandas, NetworkX

Built a multi-modal city travel guide that suggests optimal routes based on cost and time using real transport data. Integrated fare/time estimation, ride-sharing suggestions, and APSRTC bus codes with algorithms like Dijkstra and BFS for smart routing.

Personal Portfolio Website – Personal Project

Tech Stack: React.js, Bootstrap, Three.js, GitHub, Netlify

<https://kleelavaishnavi.netlify.app/>

Crafted a sleek portfolio using React.js, Bootstrap, and Three.js with 95+ PageSpeed score, highlighting projects and skills. CI/CD via GitHub Actions ensures seamless updates and fast, efficient deployment.

Automated Sales Data Retrieval System – Personal Project

Tech Stack: Python, SQL, Pandas

Designed a system to streamline the tracking and analysis of sales data for businesses. Integrated a user-friendly interface for easy access to real-time data, automated report generation, and data visualization features for better decision-making.

AI- Powered Resume Builder – Hackathon

Tech Stack: HTML, Python, NLP, Flask

Engineered a tool that simplifies resume creation through dynamic prompt generation, ATS optimization, and an intuitive user interface (HTML, CSS, JS). Leveraged Python for a robust backend, enabling seamless editing, updating, and PDF downloads.

INTERNSHIPS

TECHNICAL IT INTERN | Hindustan Shipyard Limited, Visakhapatnam

May 2025 – June 2025

IT internship involving exposure to system administration, network management, and support for enterprise-level IT infrastructure. Gained practical experience in troubleshooting, software tools, and cybersecurity protocols within a government organization involving exposure to system administration, network management, and support for enterprise-level IT infrastructure.

FULL STACK JAVA DEVELOPMENT INTERN | HMIES Solutions Pvt. Ltd

May 2025 – June 2025

Leveraged Java, Spring Boot, and MySQL to design and implement scalable RESTful APIs. Applied core concepts like Spring MVC, JPA/Hibernate, dependency injection, and exception handling. Optimized application performance with multithreading, RESTful services, and SQL queries. Experienced with Git, JUnit testing, and Agile development methodologies.

AI/ML INTERN | ExcelR

June 2024 – July 2024

Designed ML models with Python, TensorFlow & Pandas for classification and prediction. Handled real-world data preprocessing, training, and evaluation. Applied deep learning techniques and deployed scalable AI solutions for real-time applications.

EDUCATION

Vignan's Institute of Engineering for Women (VIEW), Visakhapatnam
B.Tech, CSE (AI & ML)

2022 – 2026