

JILS PATEL

International Institute of Information Technology, Bangalore

📞 (+91) 8530164532 ✉️ Jils.Patel@iiitb.ac.in 🔗 [linkedin.com/in/jilspatel29765048](https://www.linkedin.com/in/jilspatel29765048) 🐙 github.com/JILSPATEL

Education

International Institute of Information Technology, Bangalore

Jul 2025 – Present

M.Tech in Computer Science and Engineering

CGPA: 3.11/4.0

New LJ Institute of Engineering and Technology, Ahmedabad

Jan 2020 – May 2024

B.Tech in Computer Science and Engineering (AIML)

CGPA: 9.49/10.0

Experience

Quarks Systems

Jan 2024 – Apr 2024

Web Developer Intern

Ahmedabad, India

- * Developed responsive and interactive web applications using React.js with reusable functional components and hooks.
- * Optimized React components for performance and responsive UI using modern component-based design practices.

Quarks Systems

Jul 2023 – Aug 2023

Data Analyst Intern

Ahmedabad, India

- * Executed ETL pipelines to clean, transform, and integrate multi-source data.
- * Analyzed data using Python (Pandas, NumPy) and Excel to derive actionable insights.
- * Built dashboards and visualizations using Power BI and Matplotlib.

Projects

Banking Management System | C, Linux, TCP Sockets | GitHub

2025

- * Implemented a modular TCP-based client-server banking system in C on Linux.
- * Supported secure account management and transaction handling via structured socket communication.
- * Used file-based persistent storage with robust system-level error handling.

Restaurant Billing System | Python, Tkinter | GitHub

2024

- * Built a GUI-based billing application for restaurant operations.
- * Enabled itemized billing with tax calculation and categorized menus.
- * Exported transaction records to CSV with timestamps.

Smart Farming Crop Predictor | Python, NumPy, Pandas, scikit-learn | GitHub

2023

- * Developed an ML model to predict optimal crops using soil and seasonal data.
- * Achieved 96% prediction accuracy with scikit-learn algorithms.
- * Visualized insights using Matplotlib and Seaborn.

Technical Skills

Languages: C/C++, Java, Python, JavaScript, React

Technologies: Git, MySQL, HTML, CSS, Power BI

Achievements

Secured 98.66 percentile with AIR 2284 in GATE CS 2025.

Qualified GATE DA 2025 paper.

Completed Google Cloud Platform program with 50+ skill badges.

Relevant Coursework

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|-------------------|---------------------|-----------------------|--------------------|
| – Data Structures | – Operating Systems | – System Software | – Machine Learning |
| – Algorithms | – Computer Networks | – Database Management | – Web Technologies |