

PRATYUSH JHA

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Education

Guru Gobind Singh Indraprastha University

August 2024 - June 2028 (Expected)

B.Tech in Computer Science and Engineering | CGPA: 8.35/10

Work Experience

Relaxo Footwears Limited

July 2026–August 2026

Data Analyst Intern (IT Dept)

- Designed an Inventory & Sales Analytics Dashboard by integrating inventory and sales data to track stock inflow, sales, and closing inventory across plants and storage locations using Power BI, Excel, Power Query, and DAX.
- Developed and implemented SQL stored procedures for an internal business application, automating database operations and improving data processing efficiency.
- Built an interactive Sales Performance Dashboard by cleaning and analyzing 100,000+ sales records using Excel, Power Query, Power BI, and DAX, delivering actionable business KPI insights.

Cryptivoxe

August 2025–April 2026

Founder & Team Lead

- Founded and led a 3-member digital agency, delivering 8 client projects (₹1K–₹45K) and generating ₹1,05,000+ in client revenue while managing end-to-end project execution and client communication.
- Designed end-to-end brand identities and digital experiences, including the complete branding for Kapstylez, establishing a cohesive visual presence across digital platforms.
- Conducted website performance audits and optimization, improving page performance scores by 34% through actionable technical recommendations.

Projects

Employee Payroll Management System

Tech Stack: Python, SQL (MySQL), CLI

- Developed a CLI-based Employee Payroll Management System using Python and MySQL for efficient record handling.
- Implemented CRUD operations to manage employee data and payroll records.
- Automated salary calculations and generated monthly payroll summaries.
- Designed structured database schema for storing and retrieving employee information.

Dockfleet - Self-Healing Container Orchestration Platform

Tech Stack: Python, FastAPI, SQLite, Docker CLI, PyYAML, Pydantic, Typer, Alpine.js, Tailwind CSS

- Built a production-inspired container orchestration platform for deploying and monitoring multi-service Docker applications locally.
- Developed the Health & State Engine featuring HTTP/TCP/process-based health checks, crash detection, and automated container restart handling.
- Implemented background health polling scheduler and SQLite-based persistence for service status, restart history, and health logs.
- Contributed to self-healing workflows by integrating restart policies and failure tracking for improved service reliability.

Technical Skills

- Languages: Python, SQL, C, C++
- Data & Analytics: Power BI, Tableau, Pandas, NumPy, Matplotlib, Seaborn, EDA, Statistics
- Database: MySQL, Data Querying, Data Cleaning
- Tools & Platforms: Git, GitHub, VS Code, MySQL Workbench, Excel (Advanced)
- Web & Mobile: HTML, CSS, JavaScript, React.js

Certifications & Achievements

- FOSSHack 2026 - Winner** (Team) | Built an open-sourced project Dockfleet, winning among 2,360+ teams and 5,400+ participants. **(2026)**
- CODEIGNITER-2025 - 3rd Place** (Team) | Earned Certificate of **Coding Excellence** at Delhi Technical Campus among 100+ teams. **(2025)**
- IGDTUW InnoVortex 2.0 - Finalist** | Selected in top teams out of 100+ for UI/UX redesign of a live school website. **(2024)**
- XIM University ACM - 2nd Position | Won 2 competitive coding events: **Code Tiranga Challenge** & **Web Styledown**. **(2025)**
- Data Visualisation: **Empowering Business with Effective Insights** — Tata via Forage. **(2025)**