YATHARTH SINGH

[redacted] | [redacted] | [redacted] | github.com/yatharth-S017

SUMMARY

Detail-oriented BCA student with a strong base in SQL, relational databases (PostgreSQL, MySQL) and MS Excel, with hands-on experience building database-backed applications and keeping records accurate and well organised. Comfortable with data entry, validation, cleaning and basic reporting using Excel formulas, sorting, filtering and pivot tables, and with Python (Pandas) for checking data. Secured Rank 2 in an SQL and Power BI contest. Quick learner who takes ownership of tasks and coordinates well with teams.

TECHNICAL SKILLS

MS Excel: SUM, COUNT, AVERAGE, VLOOKUP, sorting and filtering, data validation, pivot tables
Data Management: Data entry, validation and cleaning, record keeping, reports and trackers, Power BI
Data Analysis: Python, Pandas, NumPy, Matplotlib, Scikit-learn, Machine Learning
Languages and Databases: Java, JavaScript, C++, C, SQL, PostgreSQL, MySQL, MongoDB
Backend and Web: Spring Boot, Node.js, Express.js, RESTful APIs, JWT, React.js, HTML, CSS
Tools: Git, GitHub, GitHub Actions (CI/CD), Docker, Postman, Claude and Codex for coding and debugging

PROJECTS

Cafe Sales Data Cleaning & Performance Reporting | MS Excel, SQL, Python (Pandas)

- Cleaned and standardized 10,000 cafe transactions, resolving 900+ errors and inconsistent text/date formats.
- Handled 6,300+ missing categories and back-calculated quantity/unit price using product mapping and line-item totals.
- Built a Report dashboard with $89K+ revenue, 10K orders, pivot summaries by item/channel/month, and interactive charts.
- Maintained a Change Log documenting transformation rules and impact metrics for SQL/Pandas reconciliation.

Kusumita - NGO Platform | Node.js, Express, React.js, PostgreSQL, Razorpay | Live Demo

- Built a full-stack web application for an environmental NGO with a public user side and an admin panel to manage events, programs and website content.
- Integrated Razorpay for online donations and designed REST APIs with Node.js and Express, backed by a PostgreSQL database, for all user and admin features.

NexUp - Influencer Platform | Java, Spring Boot, React.js, PostgreSQL, Docker, CI/CD | Live Demo

- Built and deployed a full-stack platform that connects brands and creators to manage influencer campaigns, with creator applications, accept/reject flow, content submission and performance dashboards.
- Developed 30+ REST APIs with a layered backend design on a PostgreSQL relational database, secured with JWT authentication and role-based authorization.
- Containerized with Docker and automated build and deployment using GitHub Actions CI/CD.

EDUCATION

Manipal University — Bachelor of Computer Applications (BCA)
CGPA: 8.74 / 10 | 2024 - 2027

ACHIEVEMENTS

- Secured Rank 2 in the PWIOI internal SQL and Power BI contest.
- Placed in the Top 5 at the PWIOI Hackathon for building a B2C rental services platform.
- Solved 700+ DSA problems: LeetCode 260+, GeeksforGeeks 250+, Codeforces 100+, CodeChef 100+; active ICPC participant.