Mohit Rajpurohit

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INTERNSHIP

Software Developer Intern | *Java, MySQL, REST APIs, Postman, Git* Jun 25 - Aug 25
Aswath Software Pvt. Ltd Remote

- Designed, built, and tested **12+ RESTful APIs** in Java, powering real-time order/workflow processing for a live, client-facing production application.
- Optimised **15+ MySQL queries** on a **10k+ record production dataset**, improving database query efficiency and API response performance.
- Contributed to **backend delivery** of a **production feature**, including **database schema design, query optimisation, REST API development**, and **API testing with Postman.**
- Used Git for **version control** and collaborated with a remote agile team throughout sprint-based development.

PROJECTS

AI Resume Builder | *React, TypeScript, Node.js, Express, MongoDB* Mar 26

- Built a full-stack resume builder using **React**, **TypeScript**, **Express**, and **MongoDB** with **CRUD operations**, 4 templates, and shareable resume links.
- Integrated the **Gemini API** to generate **AI-powered content suggestions** per resume section, plus a **PDF-import** feature that auto-extracts content from an existing resume.
- Implemented **JWT-based authentication** and Redux Toolkit state management, with ImageKit handling profile uploads.

Expense Tracking System | *Python, FastAPI, Streamlit, MySQL* Dec 25

- Designed a three-tier expense tracker (Streamlit → FastAPI → MySQL) with **validated REST APIs** and **Pydantic** request validation.
- Indexed the expenses table on date and pushed category aggregation into **SQL** rather than the application layer, improving **analytics query performance** on growing datasets.
- Used **parameterised queries** to **mitigate SQL injection risks** and implemented **pooled database connections** for efficient database access.

Food Delivery System | *Java Backend, MySQL, JDBC* Nov 25

- Architected a layered Java console application with **6 normalised MySQL tables**, using **JDBC PreparedStatement** to prevent **SQL injection**.
- Built a **multi-threaded asynchronous pipeline** for order-status transitions (Pending → Confirmed → Preparing → Delivered), with **manual commit/rollback** to prevent partial orders on failure.
- Added **custom exception handling** and **file-based sales reporting**, accelerating report generation by **35%**.

CERTIFICATES

Artificial Intelligence Analyst | IBM	Apr 26
AI Fluency: Framework & Foundations | Anthropic	Mar 26
Machine Learning with Python | IBM	Oct 25
CSS Essentials Certificate | Cisco	Apr 25
Python Essentials | Cisco	Sep 24

SKILLS

Languages: Java, C, C++, Python, JavaScript / TypeScript (React, Node.js, Express.js), HTML, CSS
Backend & Databases: REST APIs, JDBC, MySQL, MySQL Workbench, MongoDB, Docker, Postman, Git, VS Code
Domain Skills: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), DBMS, OS, Computer Networks

EDUCATION

Lovely Professional University	Aug 24 - Present
Bachelor of Computer Applications (AIML) | CGPA: 9.1	Phagwara, Punjab
St. Paul's Sr. Sec. School	Mar 23 - May 24
XII (Science)	Pali, Rajasthan
St. Paul's Sr. Sec. School	Mar 21 - May 22
X	Pali, Rajasthan