

Pulkit Jain

Results-driven software engineer with experience in backend development, data visualization, and AI integration. Skilled in SQL, Tableau, Flask, and API design.

Experience

Orchestra Tech | Smart Pill Box

Intern at Orchestra Tech, Inc from USA as part of Design Team for Smart Pill Box which was targeted for Government's Tuberculosis eradication initiatives. Wrote requirements and designed UX

Grant Thornton | Research Intern

Researched blockchain use cases in supply chain/media; received internship certificate

Orchestra Tech | Software Engineer

- Designed and deployed interactive dashboards using Tableau for business intelligence
- Managed MySQL databases, wrote stored procedures, and automated ETL tasks
- Handled data backups and migrations using `mysqldump`; ensured data integrity

LTTS | Software Engineer

- Built dynamic Tableau dashboards to visualize KPIs and support data-driven decisions
- Developed ETL pipelines in SQL; streamlined data ingestion from multiple sources
- Collaborated with cross-functional teams to gather requirements and deliver insights

Education

Masters of IT And IT Management (Digital Media Technology) | 2023-2025 | University Of Sydney

- Completed Capstone project as lead backend engineer working on JavaScript, Python and LLMs.
- Understood various IT business methodologies such as Digital Transformation, AGILE and more.

Bachelor of Science (It) | 2017-2020 | Stratford University

- Projects in C, C++, Visual Basic, PL/SQL, and Microsoft Server
- Capstone: Researched Blockchain in Healthcare

12th Grade | 2016-17 | Amity International School

Humanities with Math. Scored 79% in CBSE Board Exams

Skills & Abilities

- Languages: SQL, JavaScript, Python
- Tools: Tableau, AWS, Docker, Postman, SSMS, JIRA
- Concepts: Stored Procedures, Views, Automation, Regression, ML basics
- Libraries: Numpy, Pandas, Matplotlib, flask, NodeJS

Projects

AI Powered Interactive Web Extension [GitHub](#)

- Built Flask & Express.js backend for OpenAI-based summarization, rewriting, and explanation
- Designed RESTful APIs and implemented MySQL caching with hash-based lookups
- Integrated client-server flow across content script, popup UI, and background services
- Managed `.env` configuration and optimized API payload handling for performance

AI-Powered Candidate Finder [GitHub](#)

- Automated Matching: Used NLP (DistilBERT) to summarize job descriptions and identify key skills/roles for candidate searches.
- Data Persistence: Stored candidate results in MongoDB for historical tracking and retrieval.
- Streamlined UI: Designed a simple interface for users to input job descriptions and view matched candidates.

