

ARCHIT VERMA

Software / Backend Engineer

Portfolio: <https://thearchit02.github.io/archit-verma-portfolio/>

PROFESSIONAL SUMMARY

Backend-focused Software Engineer with **2+ years of experience** building scalable automation and analytics platforms in enterprise environments. Strong expertise in **Java backend development, SQL, and BI automation**, with hands-on experience integrating **AI-powered workflows using**. Proven ability to design reliable systems that connect backend services, AI orchestration, and UI-driven workflows to deliver production-ready solutions.

CORE SKILLS

- Java Backend Development
- Python
- TypeScript
- SQL
- BI Automation
- AI Workflow Orchestration
- REST APIs
- Data Modeling
- CI/CD Pipelines
- Git

PROFESSIONAL EXPERIENCE

Product Engineer

Cognizant | Dec 2023 – Present

- Designed and developed **Java-based backend services** to automate BI report and metadata migrations, including **Tableau → Power BI** and **Qlik Sense** transitions, improving consistency and reducing manual effort.
- Built reusable **automation pipelines** and supported **SQL-driven semantic models** for analytics and reporting workflows.
- Implemented **AI-assisted migration workflows** using **Python and LangGraph**, orchestrating stateful, multi-step automation logic.
- Integrated AI workflows with **existing Java backend services** and **TypeScript-based UI components** to enable guided, assisted analytics migrations.
- Delivered production-grade systems using **Git-based CI/CD pipelines**, collaborating closely with BI engineers and stakeholders.

PROJECT HIGHLIGHT

AI-Powered BI Migration Platform

- Contributed to an **AI-assisted migration system** using **Python and LangGraph** to automate validation and transformation of BI assets.
- Integrated AI workflows with **Java backend services** and **UI-driven experiences** to support controlled, user-assisted migrations.

EDUCATION

Bachelors of Technology

Rajiv Gandhi Proudtyogiki Vishwavidyalaya (2019 - 2023)