

PROFESSIONAL SUMMARY

Software Engineer with hands-on experience building scalable backend systems and data-driven APIs using **Node.js**, **Python**, **MongoDB**, **MySQL**, and **FastAPI**. Experienced in secure API design, database optimization, and Dockerized deployments.

EXPERIENCE

Software Engineer July 2024 – Present
Shephertz, Gurgaon, Haryana

- Built and maintained production-grade **REST APIs** using **Node.js**, **Express**, and **MongoDB** for enterprise platforms.
- Improved API and database performance by 20% through query optimization and refactoring.
- Developed a Docker-based microservice scaffolding tool to generate CRUD services for **Node.js + MongoDB** and **FastAPI + MySQL**.
- Collaborated with QA and product teams to resolve production issues and deliver stable feature enhancements.

Developer Intern June 2023 – July 2023
HERE Technologies, Remote

- Built **Python** automation scripts and Scrapy-based web crawlers to extract structured POI data.
- Processed, validated, and cleaned large datasets for use in location intelligence products.
- Reduced manual data preparation effort by automating repetitive data collection and processing workflows.

PROJECTS

DataFlow – Database Migration Studio ([Link](#))

Tech Stack: *React, Tailwind CSS, FastAPI, Python, MySQL, PostgreSQL, MongoDB*

- Built a full-stack web application to automate database migration from **MySQL** to **PostgreSQL** and **MongoDB**.
- Implemented schema analysis, type mapping, and relationship preservation for database migration.
- Designed and developed REST APIs using **FastAPI** to manage migration workflows and validation, and deployed frontend and backend services with production-ready configurations.

ExcelHire – AI-Powered Excel Interview Platform ([Link](#))

Tech Stack: *React, TypeScript, Tailwind CSS, FastAPI, PostgreSQL, Docker*

- Built an AI-driven Excel interview platform with conversational skill assessment and adaptive questioning.
- Developed secure backend APIs for authentication, interviews, evaluation, and reporting.
- Deployed the full-stack application using Docker for consistent, isolated, and repeatable environments.

Finance Tracker – Backend System ([Link](#))

Tech Stack: *Node.js, Express, MongoDB*

- Designed and implemented a backend system for tracking expenses and income.
- Built **REST APIs** with proper data validation, authentication, and business logic.
- Optimized **MongoDB** queries to ensure efficient data retrieval and updates.

SKILLS

Programming	JavaScript, Python, SQL
Backend & APIs	Node.js, Express.js, FastAPI, REST APIs, JWT, Microservices Architecture
Databases	MongoDB, PostgreSQL, MySQL
DevOps & Tools	Docker, Git, GitHub, Postman

EDUCATION

Bachelor of Computer Application, Amity University 2023 – 2026
12th Grade, 80.0% (CBSE), Lions Public School, Gurgaon 2023