

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 |