

PROFESSIONAL SUMMARY

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

EXPERIENCE

- Software Developer** July 2024 – Present
Shephertz, Gurgaon, Haryana
- Built and maintained production-grade **REST APIs** using **Node.js**, **Express**, and **MongoDB** serving thousands of requests per day for enterprise platforms.
 - Improved API and database performance by 20% through query optimization and code refactoring.
 - Built a Docker-based scaffolding tool to generate **CRUD microservices** for Node.js + MongoDB and **FastAPI** + **MySQL**.
 - Implemented **JWT**-based authentication and role-based access control (**RBAC**) for secure APIs.
 - 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
Databases	MongoDB, PostgreSQL, MySQL
DevOps & Tools	Docker, Git, GitHub, Postman

EDUCATION

Bachelor of engineering in computer science, CGPA - 8.02 , UPES , Dehradun	2020 - 2024
12th Grade, 80.4% , Lions Public School, Gurgaon	2019 - 2020