Nikhil Pahuja
SOFTWARE DEVELOPER
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SUMMARY:
Passionate Software Developer skilled in Node.js, Express, and MongoDB, with a track record of building secure, high-performance APIs. Ready to tackle complex backend challenges and deliver impactful results.

TECHNICAL SKILLS:
- **Programming Languages**: JavaScript, Python
- **Backend Technologies**: Node.js, Express.js, MongoDB, RESTful APIs, JWT, Postman
- **Tools & Version Control**: Git, GitHub, Visual Studio Code, Postman, Docker
- **Data Management**: MongoDB, MySQL, NoSQL Databases

EXPERIENCE:
Software Developer – **Shephertz** | *July 2024 – Present*
- Developed and optimized **RESTful APIs** for W-Anywhere using **Node.js**, **Express**, and **MongoDB**, improving response times by 20%.
- Built a tool to generate **Dockerized** microservices-based **CRUD RESTful APIs** across **Node.js** (Express, MongoDB) and **Python** (FastAPI, MySQL) stacks.
- Implemented **JWT authentication** and optimized RESTful APIs for Talent Anywhere, enhancing data privacy.
- Enhanced deployment processes with **Docker**, reducing downtime and improving platform performance.

Developer Intern – **HERE Technologies** | *June 2023 – July 2023*
- Built and maintained web scraping tools using **Python** and **Scrapy** to collect **30+ Points of Interest** (POI) data for location-based services.
- Automated data collection processes, reducing manual intervention and ensuring more accurate **POI data** for the team's product offerings.

Researcher Intern – **Technoshala Foundation** | *June 2021 – July 2021*
- Conducted research on educational technologies, contributing to the development of data-driven reports and improved teaching strategies.
- Collaborated with my team to create effective communication strategies for client and faculty engagement.

PROJECTS:
DataFlow − Database Migration Studio [[Link](#)]
Tech Stack: React.js, Tailwind CSS, FastAPI, Python, MySQL, PostgreSQL, MongoDB
- Built a web app to automate **MySQL** database migration to **PostgreSQL** and **MongoDB** with intelligent schema analysis and smart recommendations.
- Developed automated type mapping and relationship preservation, ensuring accurate and reliable data transfers.
- Delivered a clean, responsive UI and robust backend **RESTful APIs**, with seamless deployment on Vercel.

Finance Tracker – **Backend Development [[Link](#)]**
Tech Stack: JavaScript, Node.js, Express, MongoDB
- Engineered a backend for a finance tracking app with real-time data processing and integration.
- Created secure API endpoints for tracking and managing financial records, using **Node.js** and **Express** for routing and handling business logic.
- Integrated **MongoDB** for data storage and optimized queries for efficient performance.

Hotel Website – **Front-End Development [[Link](#)]**
Tech Stack: HTML5, CSS3, JavaScript
- Developed a responsive **front-end** for a hotel booking website, utilizing **HTML5**, **CSS3**, and **JavaScript** to create an intuitive user interface.
- Ensured cross-browser compatibility and optimized performance for better user experience.

EDUCATION:
UPES , Dehradun | Bachelor of engineering in computer science | 2020 - 2024 | CGPA - 8.02
Lions public school , Gurgaon | 12th grade | 2019 - 2020 | 80.4% (CBSE Boards)
Lions public school , Gurgaon | 10th grade | 2017 - 2018 | 71.6% (CBSE Boards)