Nikhil Pahuja
SOFTWARE DEVELOPER

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SUMMARY:

Passionate Software Developer with expertise in **Node.js**, **Express**, and **MongoDB**. Skilled in building scalable APIs, optimizing performance, and creating secure systems. Seeking an opportunity to contribute to a back-end team and solve complex technical challenges.

TECHNICAL SKILLS:

- **Programming Languages**: JavaScript (ES6+), SQL
- **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** using **Node.js** and **Express** for the "Talent Anywhere" project.
- Implemented **JWT-based authentication** to ensure secure user access and data privacy across the platform.
- Collaborated with cross-functional teams to integrate front-end features, improving user experience and platform reliability.

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:

Voting App – **Backend Development [Link]**
Tech Stack: JavaScript, Node.js, Express, MongoDB, JWT
- Developed a **backend API** for a voting app, handling user authentication and vote management using **JWT**.
- Designed efficient database models in **MongoDB** for storing votes, users, and voting sessions.
- Ensured secure data handling and prevented vote tampering by implementing proper data validation and security protocols.

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)