UPENDER SINGH LAKHWAN

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SKILLS

Languages	Java, JavaScript, Typescript, Python, SQL
Frameworks	Spring Boot, Express.js, Node.js, Nest.js
Databases	PostgreSQL, MongoDB, Firebase, SQL
Backend	REST APIs, Microservices, Pagination, Scalability
DevTools	GitHub, Postman, Docker
Soft Skills	Problem-solving, Collaboration, Leadership

EXPERIENCE

Software Engineer Intern *Full Stack Development*   Feb 2025 - Present
Daciod Digital   *Remote*

- Developed a **scalable backend server** using **Nest.js** with **pagination support**.
- Optimized database queries to handle **large-scale data efficiently**.
- Implemented **RESTful APIs** to ensure seamless communication between services.

Software Engineer Intern *Full Stack Development*   Nov 2022 - Jun 2023
Makes360   *Punjab, IN*

- Designed and built **secure authentication systems** using **JWT and OAuth**.
- Enhanced **database indexing** and query performance, reducing response times by **40%**.
- Integrated **third-party APIs** to extend platform functionality and improve user experience.
- Developed **custom middleware** for logging and error handling in backend services.

PROJECTS

Task Hive (GitHub) *Spring Boot, PostgreSQL, React*

- Built a **task management platform** with **multi-user roles** and access control.
- Implemented **pagination and filtering** to manage large sets of tasks.
- Used **Spring Boot and PostgreSQL** for a scalable and efficient backend.

CGC Happenings (Deployed link) *React.js, Nest.js, MongoDB, Firebase*

- Handled **large-scale event data**, optimizing queries for efficient retrieval.
- Designed a **bulk email system**, ensuring high deliverability while reducing API rate limits.
- Implemented **caching and indexing strategies** to improve performance in real-time updates.

EDUCATION

Bachelor of Technology in Computer Science & Engineering, CGC Landran   Expected 2025
Current Score: 8 CGPA

CERTIFICATIONS & ACADEMIC ACHIEVEMENTS

1. **Python Mastery** - *TCL - IT*
2. **Data Analytics (Advanced SQL)** - *Udemy*
3. **Google Certified** Developer Student Clubs Lead
4. **Web Designing** - *freeCodeCamp*

- Ranked **top 10 in National Hackathon**, Mumbai
- Secured **first in Techtonics** at intra-college level.
- Placed **third in Ideathon** at inter-college level.
- Earned a **5 Star rating in Python & SQL**.