Saurav Kumar

✉ sauravkumarofficial29@gmail.com   📞 9501907334   🔗 Leetcode   in LinkedIn   ⌗ Github

Experience

Datansh Solutions Pvt. Ltd.   *Jaipur, India*
Software Development Intern   *Mar 2025 – May 2025*

- Gained practical experience in SQL, MS SQL Server, relational database design, data warehousing, and Azure cloud technologies.
- Assisted in developing and optimizing database-driven applications and cloud-based data solutions.
- Participated in data integration tasks and supported ETL processes using Azure tools.
- Collaborated in an agile development team to understand and apply real-world software engineering practices.

Omega Electrical   *Jaipur, India*
Production Engineer   *Aug 2022 – Mar 2024*

- Manufactured shafts, axles, and various components, ensuring adherence to industry standards.
- Operated precision machinery, including CNC, VMC, gun drill, and grinding machines and conducted quality inspections on machined components to maintain strict quality control.
- Utilized a range of measuring instruments for accurate dimension verification and implemented safety protocols to maintain a secure and efficient workspace.

Training

Bosscoder Academy   *May 2024 – Present*
Software Engineer

- DSA (Linear and Non-linear)
- Computer Fundamentals (CN, DBMS, OS)
- System Design

Projects

Blog Website   *Link* ↗

- Developed a blog website using Flask and implemented user authentication with Flask-Login for secure access.
- Integrated SQLAlchemy for database design and management as well as utilized Flask-WTF for form handling and input validation.
- Designed dynamic templates using HTML/CSS for responsive UI and created secure routing for CRUD operations on blog posts.

Netflix Clone Web App   *Link* ↗

- Developed a responsive Netflix-like front-end using React.js with dynamic content rendering and component-based architecture.
- Integrated TMDB API to fetch trending movies, genres, and display banners dynamically using Axios.
- Implemented a back-end using Node.js, Express.js, and MongoDB to handle user authentication and data storage.
- Utilized Firebase for authentication, Postman for testing APIs, and followed RESTful API standards throughout the project.

Skills

Languages: Python, JavaScript (ES6+), SQL, HTML, CSS

Frameworks & Libraries: React.js, Node.js, Express.js, Flask, Django, Bootstrap, SQLAlchemy

Databases: MongoDB, MySQL, MS SQL Server

Cloud & Tools: Firebase, Azure, Power BI, Git, GitHub, Postman

Concepts: Authentication & Authorization (Auth), REST APIs, Data Structures & Algorithms (DSA), DBMS, OOPs, Relational Database Design

Tools & IDEs: VS Code, PyCharm, Jupyter Notebook, SQL Server Management Studio (SSMS)

Education

Sant Longowal Institute of Engineering and Technolgy   *2019 – 2022*
BE in Mechanical Engineering

- GPA: 9.04