

FNU SUMIT KUMAR

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WORK EXPERIENCE

Data Analyst / ETL Developer | IBM India Pvt Ltd

Bengaluru, India | Jun 2021 – Nov 2022

- Worked as ETL Developer (BODS Tool) for [SCHULMBERGER Project](#). An American oilfield services company.
- Designed and optimized **SQL** queries to extract, transform, and load (ETL) data from relational databases, using SQL Server Management Studio ensuring data accuracy and efficiency.
- Implemented Slowly Changing Dimensions (SCD) for specific scenarios to ensure accurate data tracking.
- Developed interactive dashboards and visualizations using **Power BI** to present key performance indicators (KPIs) and trends to stakeholders, enabling data-driven decision-making.
- Collaborated with cross-functional teams to identify business requirements and translate them into technical solutions, improving operational efficiency by 20%.
- Conducted in-depth data analysis to identify patterns, trends, and anomalies, providing actionable recommendations that contributed to a 15% increase in revenue.
- Automated recurring reporting processes using **Python** scripts and **Power BI**, reducing manual effort by 30%.
- Performed data validation & quality assurance to ensure the integrity and reliability of datasets used for analysis & reporting.

Junior Web Developer | Enuke Software Pvt Ltd

Gurugram, India | Jul 2020 – Jun 2021

- Developed RESTful APIs using Node.JS to meet the dynamic requirements of various website and applications.
- Integrated third-party APIs into existing platforms, enhancing functionality and performance.
- Implemented robust security measures in Node.js applications, including authentication and authorization processes, enhancing the overall security posture, and ensuring data confidentiality.
- Utilized **Git** for version control and **CI/CD** pipelines for automated deployments and continuous integration.
- Ensured robust database connectivity, employing advanced techniques for data integrity, query optimization, and Performance Tuning & Load Balancing, resulting in a 35% improvement in system performance.

Intern | Nagarro Software Pvt Ltd

Bengaluru, India | Jan 2020 – Jun 2020

- Engaged in hands-on practice to develop proficiency in Java programming focusing on key concepts such as object-oriented programming, data structures, and algorithms and implementing **MVC (Model-View-Controller)** architecture for scalability.
- Acquired hands-on experience in building scalable back-end systems using Java frameworks like Spring Boot and gained practical knowledge of database integration through JDBC and Spring Boot.
- Gained hands-on experience in **data cleaning, manipulation, and analysis** using tools like **Python** and **SQL**, working with real-world datasets to extract meaningful insights.
- Assisted in **data visualizations** and dashboards using **Power BI** to present trends and KPIs to team members & stakeholders.

PROJECTS

Covid-19 Test Booking Application – (C-19 Test Booking)

Node.js, Express & MySQL

- Spearheaded backend development using Node.js and MongoDB, establishing a robust foundation for the application.
- Designed a user-friendly application enabling remote COVID-19 test appointment booking to mitigate disease transmission.

Food Ordering Application – (Food-Hub)

Node.js, Express, MongoDB & JavaScript

- Developed RESTful APIs for user authentication, menu operations, and order processing. Enhanced UX through dynamic web pages with HTML, CSS, and JavaScript, ensuring a seamless, visually appealing interface.
- Enabled live location tracking and integrated secure online payments, elevating app functionality and user convenience.

SKILLS

Languages: Java, Python, C, C++, JavaScript, HTML, CSS

Frame Works & Libraries: Node.js, Nest.JS, Spring Boot, MVC, React JS

Databases: MySQL, PostgreSQL, MongoDB

Operating Systems: Microsoft Windows, Linux

Tools: BODS, Power BI, SQL Server Management Studio, VS Code, Eclipse, Notepad++, GitHub

EDUCATION

Master of Science in Computer Science

California State University – Dominguez Hills

Jan 2023 – May 2025

- **Relevant Courses:** Design & analysis of Algorithms, Data Analysis, Software Engineering, Operating Systems, Software Project Planning, Artificial Intelligence, Advance Programming Languages (Python)

Bachelor of Technology in Computer Science

University Institute of Engineering & Technology, MD University – Rohtak, Haryana, India

Jul 2016 – May 2020

- **Relevant Courses:** Database Management Systems, Data Structures, Web Development, Programming Languages (Java)