

FNU SUMIT KUMAR

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EDUCATION

Master of Science in Computer Science

California State University – Dominguez Hills

Jan 2023 – Present

- **Relevant Courses:** Design & analysis of Algorithms, Software Engineering, Software Project Planning

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

SKILLS

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

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

Databases: MySQL, PostgreSQL, MongoDB

Operating Systems: Microsoft Windows, Linux

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

WORK EXPERIENCE

ETL / Web Developer | IBM India Pvt Ltd

Bengaluru, India | Jun 2021 – Nov 2022

- Developed RESTful APIs and Demonstrated proficiency in designing and implementing secure authentication mechanisms, such as JWT (JSON Web Tokens), to safeguard user data and prevent unauthorized access.
- Improved overall code quality and efficiency through regular code reviews and collaboration with other developers, resulting in a 25% decrease in bugs and support tickets.
- Worked as ETL Developer (BODS Tool) for [SCHULMBERGER Project](#). An American oilfield services company.
- Managed the smooth transition and loading of data from legacy systems into SAP databases using BODS Tool.
- Developed BODS Interfaces for various SAP functional modules and involved in code reviews.
- Implemented Slowly Changing Dimensions (SCD) for specific scenarios to ensure accurate data tracking.
- Lead the Reporting team from initiation, installation, configuration, development & publishing of reports.
- Worked and provided the Demo session on Reporting to the end Client. Working with project coordinates to ensure a consistent, achievable and appropriate solution based on guidelines defined by the team.

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.
- Implemented robust security measures in Node.js applications, including authentication and authorization processes, enhancing the overall security posture and ensuring data confidentiality.
- Maintained detailed documentation for projects, including code comments and technical specifications for future KT's.
- Led the development of a MongoDB & MySQL database system, resulting in a 35% increase in data processing speed and streamlined data management.
- Ensured robust database connectivity, employing advanced techniques for data integrity, query optimization, and performance tuning, resulting in a 35% improvement in system performance.

Intern | Nagarro Software Pvt Ltd

Bengaluru, India | Jan 2020 – Jun 2020

- Collaborated with a cross-functional team to implement practical solutions, applying theoretical knowledge to real-world projects. Collaborated using version control tools such as Git to effectively manage and collaborate on code repositories.
- Streamlined strong troubleshooting skills by diagnosing and resolving technical issues encountered during development and testing phases.
- Actively contributed to code optimization, ensuring efficient server-side operations and minimizing resource consumption.

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.
- Successfully established database connectivity with multiple LABs, facilitating efficient appointment scheduling and storage.

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.