

Tushar Goel

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EDUCATION

National Institute of Technology, Patna

Nov. 2020 – June 2024

Bachelor of Technology, Electrical Engineering (CGPA: 8.49)

Rakhi Public School, Muzaffarnagar

Jul. 2017 – Mar. 2018

12th (Percentage: 80.4 %)

Rakhi Public School, Muzaffarnagar

Apr. 2015 – Mar. 2016

10th (C.G.P.A: 8.6)

EXPERIENCE

Intellismart Infrastructures Pvt. Ltd.

Jul. 2024 – Present

GET-IT

- Collaborated on the integration and optimization of MDMS and HES systems, utilizing Visual Studio Code to ensure seamless data exchange and enhanced system performance.
- Utilized advanced data analytics tools, including SQL and Power BI, to design and develop insightful reports and visualizations.
- Technologies and Tools used - **VS code, SQL, Power BI**

Advectus Solution Pvt. Ltd.

Jun. 2023 – Jul. 2023

SDE Intern

- Developed and maintained webpages using JavaScript over a two-month period, enhancing user interface and functionality.
- Collaborated with cross-functional teams to integrate Oracle's NetSuite tool, streamlining database operations and reducing manual data entry, leading to improvements in efficiency and a decrease in delay time by 10% and 20% respectively.

PROJECTS

Bank Management System Web Application

- Developed a web application that replicate real-world banking functionalities, utilizing HTML, CSS, and JavaScript for both development and deployment.
- Implemented features for creating, analyzing, searching, and deleting user accounts with a MongoDB backend.
- Technologies and Tools used - **HTML, CSS, JavaScript, Express.js, Node.js, MongoDB**

Educational Web Application

- Designed and developed a full-stack web application using the MERN (MongoDB, Express.js, React, Node.js) stack, providing a comprehensive educational platform with Courses, Notes, and Contact pages.
- Implemented effective state management and data flow using React Context API, ensuring seamless user interactions and a responsive interface.
- Developed a robust backend using Node.js, Express.js, and MongoDB, ensuring data storage, retrieval, and security.
- Technologies and Tools used - **React, Context API, Tailwind, CSS, Nodejs, Express js, Mongodb**

ATM Application

- Engineered an application focused on data structures and hashing techniques using C++.
- Employed hashing and mathematical operations within an OOP framework to simulate banking operations, including account creation, analysis, searching, and deletion.
- Technologies and Tools used - **C++, Data Structures and Algorithms (DSA), Object-Oriented Programming**

SKILLS

Languages : C++, JavaScript, Java

Frameworks : ReactJS, Node.js, ExpressJS, MongoDB, Postman

Computer Fundamentals : DSA, OOPS, DBMS, Computer Networks, Operating Systems

Developer Tools : VS Code, GitHub, Power BI

Database : MySQL, MongoDB, Excel

Programming

GreeksForGreeks : Top 25 out of 3,100 at NIT Patna.

Leetcode : 300+ DSA problems solved.

Multiple Platforms: 700+ problems solved across various coding platforms

EXTRACURRICULAR ACTIVITIES

Former Core Member, Yoga Club | NIT Patna

- Contributed to promoting wellness and organizing yoga sessions for students.