

Satyam Mishra

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EDUCATION

ABES ENGINEERING COLLEGE
BACHELOR OF TECHNOLOGY-
ELECTRONICS AND COMMUNICATION
ENGINEERING(ECE)
2019 - 2023
CGPA: 7.9/10

LINKS

LinkedIn: [satyammishra99](#)
Github: [satyammishra99](#)

Leetcode: [satyammishra99](#)
GeeksForGeeks: [satyammishra99](#)
Codechef: [satyammishra99](#)
Hackerrank: [satyammishra99](#)
Codeforces: [satyammishra99](#)

COURSEWORK

GRADUATE - B.TECH

Data Structure
Algorithm
Databases
Computer Network
OOPs

SKILLS

PROGRAMMING

Languages:

- C++
- JavaScript
- Python
- HTML5
- CSS
- SQL

Frameworks/ Libraries:

- Node.js
- Express.js
- React.js
- MVC
- Bootstrap

Tools:

- VS Code
- Git
- Jira

Databases:

- MySQL
- SQL Server
- Sequelize ORM
- MongoDB

EXPERIENCE

TECHFOUR ENGINEERING SOLUTIONS | SOFTWARE DEVELOPMENT ENGINEER-1

September 2023 - Present

- Spearheaded the development of a robust and scalable backend system using **Node.js** and **MySQL** Database, ensuring optimal performance and reliability.
- Developed and optimized **RESTful APIs**, improving data retrieval and manipulation efficiency, resulting in a **30 %** reduction in response times.
- Utilized **Sequelize ORM** to streamline database interactions, reducing query execution time by **20%** and enhancing data access and manipulation efficiency.
- Architected and implemented backend **microservices**, including a **communication microservice**, seamlessly integrated with other projects to enhance cross-service functionality.
- Applied advanced security measures and data protection protocols, including encryption and access control, to safeguard sensitive information and ensure compliance with industry standards.

CULTURE HOLIDAYS | SOFTWARE ENGINEER TRAINEE

April 2023 - August 2023

- Developed and maintained **RESTful APIs** using **Node.js**, enhancing system functionality and integration capabilities..
- Architected an Invoice System for Culture Holidays, focusing on the backend functionality.
- Integrated email functionality within the Invoice System, enabling automated invoice delivery to specified email addresses, improving operational efficiency and client communication.

CERTIFICATES

- **SQL Advanced** Certificate by **HackerRank**
- **SQL Intermediate** Certificate by **HackerRank**
- Competitive-programming by **Coding Ninjas**.
- **CCNA** Python.

ACHIEVEMENTS

- Solved over **300+ DSA Problem** on **Leetcode**.
- Mastered over **100+ Problem** on **Codeforces**.
- Conquered over **100+ DSA Problem** on **GeeksForGeeks**.
- Solved over **700+ question** across various platform.
- Achieved rank **2130** (among 80000+ participant) on Coding Ninjas in CodeKaze'21 contest.

ACADEMIC PROJECTS

CODIAL

Node.js , Express.js , Socket.IO , Ejs,MongoDB

- **Developed a comprehensive web application** with social networking features similar to Facebook, including a dynamic post section, interactive friend list.
- **Architected and implemented the backend** to support scalable and efficient management of user-generated content, friend connections, and chat messages.
- **Utilized MongoDB** as the primary database solution, optimizing data storage and retrieval processes with a NoSQL structure to handle large volumes of unstructured data efficiently.