

Roshan Kumar Purbey
BTech
Electrical Engineering IIT Bhilai
Software Engineer

+91 626 177 9331
roshann.purbey@gmail.com
roshan-purbey-824783168
github.com/roshank07

PROFILE SUMMARY

Results-oriented Software Engineer professional with expertise in back-end technologies.

PROFESSIONAL EXPERIENCE

Deeplogic Tech Pvt Ltd

Remote, India

Database Administrator

June 2021 - Oct 2023

- Developed an in-house tool using Node.js for real-time monitoring of database servers.
- Led enhancements in a Node.js-based internal employee hours logging application with advanced logics.
- Collaborated with client development teams to optimize queries, reducing latency from 10 mins to 2 mins.
- Revamped a customer's infrastructure with 40 Singlestore databases for optimal query performance.
- **Exposure: Node.js, JavaScript, Distributed RDBMS, SQL, Linux, Singlestore, MySQL, Kubernetes**

PERSONAL PROJECTS

Blog App

Live

Github

- Designed and implemented a secure and responsive Blogging Web App using MERN.
- Implemented robust user registration and login with Google OAuth, ensuring enhanced security.
- Developed an Admin panel for seamless article management and statistical tracking.
- Created a dynamic Comment section for user engagement.
- **Exposure: JavaScript, React.js, Redux-toolkit, Express.js, Node.js, MongoDB, Tailwind CSS**

Chat App

Live

Github

- Implemented core features such as user authentication, real-time messaging, typing indicators, and chat room.
- Employed optimization techniques to enhance application performance ensuring a seamless user experience.
- Managed all aspects of the project lifecycle, including testing, deployment, and ongoing maintenance, to deliver a polished and successful application.
- **Exposure: Socket.io, React.js, Node.js, MongoDB, Chakra UI**

EDUCATION

IIT Bhilai, Chhattisgarh, India

BTech in Electrical Engineering

8.2/10 2017-2021

SKILLS

Languages: C/C++, JavaScript, Matlab, HTML+CSS, SQL

Frontend: React.js

Backend: Express.js, Node.js

Cloud/Databases: Singlestore, MySQL, MongoDB, AWS, Google Cloud Platform

Relevant Coursework: Data Structures & Algorithms, OOPs, DBMS, Design Patterns

ACHIEVEMENTS

- All India Rank 7985 in JEE Advanced 2017