

RAHUL RAJ

Gurgaon, India · me.rahulraj07@gmail.com · 6299512663 · github.com/rahul-raj-18

EXPERIENCE

Techbridge Consultancy Services

Software Developer

Gurgaon, India

Dec 2023 - Sep 2025

- Led backend development for tbNAC project from scratch, building a scalable and fault-tolerant system supporting ~50,000 active users.
- Designed and implemented a multi-master node architecture, improving system availability and horizontal scalability by 40%
- Optimized database performance through advanced indexing and query optimization, reducing average query response time by up to 60% and increasing throughput.
- Resolved PostgreSQL deadlock issues by implementing row-level locking, ensuring reliable concurrent transaction handling and improving system stability.
- Integrated rsync-based synchronization for switch data, enabling real-time, on-demand data availability for end users and ensuring 100% data consistency.
- Contributed to other security and network management solutions including tbVA (Vulnerability Assessment) and tbSIEM (Security Information and Event Management), focusing on backend performance, scalability, and integration.

DigiXL Inc.

Full Stack Developer

Delhi, India

Sept 2022 - Dec 2023

- Worked on the company's major live project namely WorkyBooks
- Implemented important functionalities like authentication and authorization. Also wrote code for functionalities like uploading image and other files to AWS S3 bucket and many more.

Fargowiz Ltd.

Full Stack Developer

Jaipur, India

Feb 2022 - Aug 2022

- Worked on three of the company's major live projects namely Survey SuperAdmin Panel, IVR SuperAdmin Panel and Survey Dashboard mvp2.
- Built 70% of the backend for the Survey SuperAdmin Panel end to end for pages like user management and payment management.
- Implemented few important features in Survey Dashboard mvp2 such as drag and drop functionality, authentication and authorization and many more.

EDUCATION

Future Institute Of Engineering And Management

B.Tech

Kolkata, India

SKILLS

React.js, Redux, Node.js, Express.js, JavaScript, PostgreSQL, MongoDB, HTML, CSS, Material UI, Tailwind CSS:

PROJECTS

Phone E-Commerce Project

<https://master-phone-e-commerce-project.netlify.app/>

An E-Commerce platform made using React.js, Redux and Stripe API (temporarily creating dummy payment gateway).

MERN Workout Application

<https://rahulraj07.netlify.app/login>

PortFolio

<https://rahul-raj-18-portfolio.netlify.app/>

responsive personal portfolio showcasing projects, skills, and experience using React and Material-UI with smooth animations, project filtering, and a functional contact form. Implemented responsive design principles ensuring optimal user experience across all devices.

CERTIFICATES

Front End Development Libraries Developer Certification

FreeCodeCamp.org

<https://www.freecodecamp.org/certification/fcc1faffbc9-e729-4f9c-bcfb-caf96eb2893f/front-end-development-libraries>

2021

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