

# RAHUL RAJ

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

## EXPERIENCE

### Techbridge Consultancy Services

Software Developer

Gurgaon, India

Dec 2023 - Sept 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

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

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

### MERN Workout Application

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

### PortFolio

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.

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

## CERTIFICATES

### Front End Development Libraries Developer Certification

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

FreeCodeCamp.org

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