

SHIVAM RAJ

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EDUCATION

B.Tech (Computer Science)

Quantum University, Roorkee

Graduating 2023–2027

8.01 CGPA

TECHNICAL SKILLS

Languages: JavaScript, C++ , SQL, C, Python

Backend Development: Node.js, Express.js, REST APIs, WebSocket, Authentication, Authorization, JWT

Frontend Development: React.js, Tailwind CSS, HTML5, CSS3, Responsive Design

Database Management : MongoDB, MySQL, SQL, Data Modeling, Basic AWS (S3, EC2)

Tools : Git, GitHub, Postman, VS Code, API Documentation

Soft Skills : Team Collaboration, Project Management, Agile Methodology, Communication Skills

WORK EXPERIENCE

Digrows, : Backend Developer Intern

May 2025 – Aug 2025

- Architected and executed the complete backend infrastructure for a startup platform using Node.js and Express.js, integrating secure JWT-based authentication, scalable RESTful APIs, and modular architecture.
- Designed core features like OTP authentication, chat system with time-limited access, calendar-based expert scheduling, and team management functionality using MongoDB and WebSocket.

Google Developer Group (GDG), : Core Team Member

Aug 2024 – Aug 2025

- Coordinated and executed multiple technical events and hands-on workshops to promote developer community engagement; conducted knowledge sessions on full-stack development.
- Led development of the official website of GDG Quantum University using React.js and Tailwind CSS, implementing modular components, responsive user interface, and event tracking features.

Freelance, : Full-Stack Developer (MERN Stack)

2025 – Present

- Collaborated with clients to build and deploy dynamic web applications using the MERN stack, including features like user authentication, role-based access, dashboards, and CRUD APIs

ACADEMIC PROJECTS

HackVerse – A Collaborative Ecosystem for Hackathons

Tech Stack: React.js |Tailwind CSS| Nodejs| Express| MongoDB| Socket.io| Nodemailer| OpenAI API

- Developed a real-time platform to facilitate hackathon collaboration, including team discovery, idea validation using OpenAI API, and expert mentorship scheduling
- Integrated scalable features like AI-powered project evaluator (OpenAI API), auto team-matching, and a mentorship booking system to support early-stage innovation
- Built real-time in-app messaging using Socket.io, and implemented a mail and notification system (Nodemailer) for seamless team communication

WeCare — Care Service Platform for Seniors and Differently-Abled

Tech Stack: React.js |Tailwind CSS| Nodejs| Express| MongoDB| Cloudinary|

- Developed a full-stack platform for senior citizens and differently abled to deliver care services in a structured, accessible way with user, admin, and expert panels to manage and deliver
- Implemented dynamic multi-level CRUD architecture for service types, structured service categorization and CMS modules, including file uploads via Cloudinary and protected admin routes

CERTIFICATES

Postman API Fundamentals (Postman), :

July 2025

- Gained practical experience in REST API testing, automation workflows, environment variables, and request chaining using Postman.

Generative AI Study Jams (Google Developer Groups, Quantum University), :

Nov 2024

- Earned 15+ skill badges via GenAI Arcade labs, gaining exposure to GenAI applications and tooling.