

Sunjay Kumar

Full-Stack Developer

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Summary

Full-stack developer with experience in building robust, scalable web solutions. Proficient in technologies like **React.js, Node.js, Express.js, MongoDB, PostgreSQL, Redis, Tailwind CSS, TypeScript, and JavaScript**. Committed to delivering high-quality solutions through clean architecture, performance optimization, and collaboration in cross-functional teams.

Skills

Node.js • Express.js • Hono.js • Redis • MongoDB • PostgreSQL • MySQL • Prisma • Apache Kafka • React.js • Next.js • Tailwind CSS • JavaScript • TypeScript • Puppeteer • Docker • Nginx • GitHub Actions • WebSockets • Problem Solving • System Design

Projects

CronJob Scheduler

Jul 2025 – Present

Technologies: Agenda.js, QStash, Redux Toolkit, Docker, Zod

- Built a scalable cron job scheduler using Agenda.js, enabling users to create, manage, and monitor scheduled tasks efficiently.
- Orchestrated CI/CD with Docker and Watchtower, while implementing system monitoring using Grafana and Prometheus.
- Contributed 100+ commits on GitHub, demonstrating consistent development and iterative improvements.
- Leveraged Redis for efficient caching and developed a PWA for consistent performance on all devices.

Video Calling Website

Jun 2025 • 1 mo

Technologies: React • WebSocket • Tailwind CSS • Redis • WebRTC

- Engineered a real-time video calling app using WebRTC for peer-to-peer audio/video communication.
- Developed a signaling server with Express.js and WebSocket for managing user connections and room creation.
- Leveraged Redis to temporarily store active room data.
- Designed a modern, responsive frontend with React.js, Material UI, and Tailwind CSS.

UniRide – Ride Pooling Website

Jan 2025 – Feb 2025 • 1 mo

Team: 3 members

Technologies: Node.js • MongoDB • Socket.IO • Tailwind CSS • EJS

- Implemented backend APIs and WebSocket real-time communication using Node.js and Express.js.
- Facilitated students to find and share rides easily, reducing campus transport issues.
- Engineered backend storage with MongoDB and designed a responsive UI using Tailwind CSS.
- Collaborated with team members to divide tasks, review code, and deliver the project within the hackathon timeline.

Education

Bachelor's in Software Engineering

Dec 2022 – Dec 2026 • 4 yrs

Mehran University of Engineering and Technology

Jamshoro, Pakistan

Studied core and advanced topics in software engineering with hands-on projects, teamwork, and real-world applications like DSA, Web Development, Database Systems, Software Project Management, Object-Oriented Programming, Human-Computer Interaction, Communication Skills, Artificial Intelligence.

Certifications & Awards

Web Development Course – NFTP

Jul 2023

20th Position & Public Voting Winner – Hack For Humanity 2025 – DevPost

Feb 2025

GitHub Actions – The Complete Guide – Udemy

Aug 2025