

Ritesh Singh

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Work Experience

EduHubSpot | Full Stack Developer – Remote | Spring Boot, Angular

Sep 2025 - Present

- Developed and implemented responsive **UI components** (forms, tables, cards, modules) using **modern front-end frameworks**, ensuring seamless user experience across devices.
- Wrote **RESTful API endpoints** in **Spring Boot**, including modules for **HTML-to-PDF conversion** and **asynchronous email queuing** for reliable communication workflows.
- Designed and maintained **MySQL database schemas** for user and operational data, ensuring **high-performance queries** and **smooth integration** with existing application logic.
- Built **resilient, multi-region cron-based workflows** for automated notifications and delayed processing, ensuring accurate delivery to eligible users and enabling course expiry reminders that increased repeat enrollments.
- Re-architected Trainer Reports service by replacing complex conditional logic with **JPA-driven aggregation and custom SQL DTO mapping**, reducing latency by **70–80% (10s → 2–3s)** for year-scale datasets; redesigned frontend with **scalable tabular layouts** to enhance clarity and navigation.

Projects

SkillUpX | Angular, Node, Express, PostgreSQL, Bootstrap

Dec 2025 - Present

- Architected full-stack educational platform with admin dashboard, student LMS portal, and public web interface for course management and learning delivery.
- Enforced batch-based live class scheduling with Google Calendar API, enabling ONE-ON-ONE/MINI-BATCH sessions with automated Google Meet links and attendee management.
- Built enrollment system with PostgreSQL featuring course-instructor assignments, payment tracking, batch allocation, and real-time doubt resolution with interactive assessments.
- Integrated Google APIs (Calendar, Drive, Meet) and designed responsive Angular Material UI across three applications with scalable Node.js REST API.
- Website:** <https://skillupx.org>, <https://admin.skillupx.org>

ENN — Entrepreneur News Network | React, TypeScript, Node.js, Express, SQLite, Docker, VPS

Mar 2026

- Freelance project: developed and deployed a full-stack digital publishing platform enabling a client to publish magazines and post articles online, serving as the primary content management system.
- Built a **React + TypeScript** frontend with an **Express + SQLite** REST API backend, featuring JWT authentication, an admin panel for content management, and a magazine grid with download and spotlight functionality.
- Containerized the application using **Docker** and self-hosted on a **VPS**, handling end-to-end deployment including server configuration, domain setup, and production environment management for the client.
- Website:** [ENN — Entrepreneur News Network](https://enn.network)

Technical Skills

Languages: C, C++, Java, JavaScript, SQL

Libraries: Angular, Angular Material, React, React MUI, Bootstrap, Chart JS, Plotly

Technologies: Node.js, Spring Boot, TypeScript, Docker, Git, GitHub, Visual Studio Code, REST APIs

Coursework: DSA, Operating System, Database management system, Object-oriented programming, Computer networks

Achievements

- Participated in **Smart India Hackathon 2023**.
- C++ (5-star) and Python Basic certification on **HackerRank**.

Certificates

Full Stack Web Development

- Advanced React by Meta (Coursera)
- Developing Front-End Apps with React by IBM (Coursera)

Apr 2024 - Jun 2024

Mar 2024 - Mar 2024

Education

Lovely Professional University Punjab

Jul 2021 - Jul 2025

Bachelor of Technology in Computer Science and Engineering - CGPA: 8.7

Jalandhar, Punjab

Army Public School

Mar 2019 - Jul 2020

12th (Science) - Percentage: 93.4%

Jalandhar, Punjab