

Shubham Chaturvedi

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GitHub

LinkedIn

Portfolio

EXPERIENCE

Covrzy | Website

October 2024 - Present

Software Developer Engineer

Bangalore

- Architected and optimized AWS infrastructure for Travel APIs, achieving **99.9%** uptime, averaging **<200ms** response time, and handling 600k monthly bookings.
- Integrated **Slack webhooks** across all products ([Health](#), [Liability](#)) to enable **zero delay** client request routing to the sales team, reducing response time from **24 hours to 1 hour**.
- Developed scalable and maintainable web applications using Node.js, TypeScript, PostgreSQL, and React.js, ensuring efficiency and user-focused design. This contributed to more than **966K** impressions and **12.6K+** clicks within 5 months.

Weknow Technologies | Website

October 2023 - March 2024

Software Developer Engineer Intern

Lucknow

- Automated the exam reevaluation module in [KNIPSS](#) College ERP, enabling online recheck applications and integrating CCAvenue Payment Gateway, decreasing the manual process time from **5 days to just 1 day**.
- Engineered and designed a government survey portal, efficiently collected data from over **60,000** users across Uttar Pradesh. Deployed multi-layer verification and automated ID card generation, ensuring secure and streamlined user management.
- Developed and implemented [UPRNSS](#) Payroll System (HRMS) using **Agile methodologies** and **SCM** best practices, optimizing salary management for **1,000+** employees using TypeScript, MySQL, Node.js, and React.

TECHNICAL SKILLS

Languages: Java, TypeScript, JavaScript, SQL, HTML, CSS, PHP, Golang

Frameworks & Libraries: React.js, Express.js, Node.js, Next.js, Tailwind CSS, Bootstrap, JQuery, Ajax, Framer Motion, GSAP, SCSS

Databases: PostgreSQL, MySQL, MongoDB, DynamoDB

DevOps & Tools: Git, GitHub, Docker, PM2, Nginx, AWS (EC2, Lambda, S3, VPC), Vercel, Firebase, Retool, Jest

Additional Skills: Prompt Engineering(ChatGPT), REST APIs, Agile, SEO, SSR, i18n, CMS (Strapi)

PERSONAL PROJECTS

CollabCode | Live | Github

Real-time collaborative code editor with WebSocket integration.

- Implemented CollabCode, a real-time code collaboration platform using **Socket.IO**, which improved team productivity by nearly 40% and reduced debugging time by 30% in collaborative environments.
- Enabled in-browser code execution, allowing users to run and test code snippets instantly without leaving the platform.
- Tech Stack: React.js v18+, Framer Motion v11+, MongoDB, Express.Js, Node.js, Socket.IO, JWT.

OpenPen | Live | Github

A blogging platform

- Architected a platform for user registration, post creation, and publishing in predefined categories, incorporated secure **JWT-based authentication**, and enhanced user experience with **infinite scroll**, reducing bounce rate by 60%.
- Tech Stack: ReactJs v18+, MongoDB, ExpressJs, NodeJs, JWT.

ShopHere | Live | Github

Responsive E-Commerce Website with Advanced Search, Filtering, and Cart Features.

- Conceptualized and build a comprehensive e-commerce platform featuring a secure **payment gateway**, streamlined checkout process, and a curated product catalog across 10+ categories with advanced features like **'Add to Cart'**, **'Wishlist'**, and **'Search & Filter'**, which optimized the user experience, leading to a 15% reduction in checkout abandonment rates.
- Tech Stack: ReactJs v18+, Bootstrap5, HTML v5+, CSS v3+, DummyAPI, Razorpay Payment Gateway

EDUCATION

Dr.Rammanohar Lohia Awadh University, Ayodhya

2022-24

Master of Computer Application

CGPA: 8.5

INTERESTS AND ACHIEVEMENTS

DSA: Solved 600+ Coding problems in various Coding platforms. [LeetCode](#) | [CodeChef](#)

Certificate: [100+ hours Java with DSA course](#) | [60+ hours Web Development Bootcamp](#) | [ChatGPT Prompt Engineering for Developers](#)

Coding Club: **Co-founded** and actively led a coding club of **250+ students**, driving the success of 7+ technical events.

Achievements: Secured **Gold Medal** in an inter-college **chess competition**.