

Ritik Tiwari

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PROFESSIONAL SUMMARY

Software Engineer with **2 years of experience** in full-stack development and systems architecture. Proven expertise in building scalable SaaS solutions, managing end-to-end product lifecycles, and implementing robust automated workflows. Focused on writing clean, testable code and optimizing system performance for large user bases.

TECHNICAL SKILLS

Languages: JavaScript/TypeScript, Java, GoLang, Python, C/C++, PHP
Frontend: React, Next.js, ShadCN, Tailwind CSS, MUI, Sass
Backend/DB: Node.js, NestJS, Express.js, PostgreSQL, MongoDB, MySQL, Redis, REST, GraphQL
DevOps/Tools: Docker, CI/CD (GitHub Actions), Nginx, AWS, Git/GitHub, Linux

PROFESSIONAL EXPERIENCE

- rtCamp** | Software Engineer [🔗](#) 07/2024 — Present
- Product Ownership:** Lead developer for **Web Auditor**, a flagship SaaS platform; overseen technical strategy and end-to-end feature implementation for a user base in the thousands.
 - System Architecture:** Designed and optimized full-stack components, implementing secure multi-tenant architectures and complex access control systems.
 - Financial Engineering:** Integrated comprehensive payment processing systems and automated subscription logic to handle organizational-level billing and quota management.
 - Infrastructure & Reliability:** Managed production deployment and server health, establishing automated CI/CD pipelines to maintain 99.9% system availability.
 - Exposure:** HTML, CSS, PHP, React.js, Next.js, Node.js, Java, REST, Git, WordPress, Docker, pm2, nginx

PROJECTS

- Invoice Generator** | Full-stack Application ([Live Link](#) | [Code Link](#)) 04/2024 — 05/2024
Technologies: Next.js, MongoDB, ShadCN, Next-Auth, Nodemailer
- Developed an automated invoicing engine enabling businesses to generate and customize professional invoices for thousands of customers.
 - Integrated secure session management via **Next-Auth** and automated email distribution using **Nodemailer**.
- Blockchain Based File Sharing System** | VIT ([Live Link](#) | [Code Link](#)) 12/2023 — 04/2024
Technologies: Next.js, ShadCN, Prisma, Next-Auth, Nodemailer, IPFS
- Architected a decentralized file-sharing platform leveraging **IPFS** technology to significantly enhance data security and user privacy.
 - Developed a seamless user management interface while ensuring high-performance file retrieval across decentralized nodes.

Find more projects at [portfolio website](#).

EDUCATION

- Vellore Institute of Technology** Chennai, India
Bachelor of Technology in Computer Science and Engineering | **CGPA: 8.40** 09/2020 — 08/2024
- Kendriya Vidyalaya** Dibiyapur, India
Central Board of Secondary Education (CBSE) - Class 12th | **Percentage: 93%** 04/2018 — 05/2020

CERTIFICATIONS/ACHIEVEMENTS & PUBLICATIONS

- [Blockchain-Based File Sharing System - A Hybrid Approach](#) | Accepted by IRJMS 08/2024
- [Microsoft Certified: Security, Compliance, and Identity Fundamentals \(SC-900\)](#) 07/2023
- [Google HashCode](#) | Secured 6400 rank in the world 03/2021