Shubham Chaturvedi
Software Engineer

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TECHNICAL SKILLS

Languages/Databases: C, C++, Java, Javascript, TypeScript, HTML5, CSS3, SCSS, PHP, MySQL, MongoDB
Libraries/Framework: ReactJs, NodeJs, ExpressJs, Socket Io, Framer Motion, Bootstrap, Tailwind CSS, GSAP, Firebase, JSON Web Token, JQuery, Ajax, Web Socket
Web Dev Tools: Prompt Engineering(ChatGPT), Jest, VScode, Git, Github

EXPERIENCE

Covrzy | Website   *October 2024 - Present*
Software Developer Engineer Intern   Bangalore
- Improved company webpage performance through advanced React optimization techniques, integrated **Strapi CMS** for blog automation, and implemented email support using the MSG91 API.
- Developed scalable and maintainable web applications using Node.js, TypeScript, and React, ensuring efficiency and user-focused design.

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. Implemented multi-layer verification and automated ID card generation, ensuring secure and streamlined user management.
- Developed a Payroll system for UPRNSS (Govt.), now used by **1,000+** employees, optimizing salary management.

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.
- Tech Stack: ReactJs v18+, Framer Motion v11+, MongoDB, ExpressJs, NodeJs, SocketIO, JWT.

OpenPen | Live | Github
A blogging platform
- Architected a platform for user registration, post creation, and publishing in predefined categories, integrated 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: 8.3

INTERESTS AND ACHIEVEMENTS

DSA: Solved 300+ 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.
Relevent Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.
Area of Interest: Blockchain Technology, Web3 Development, Artificial Intelligence, Machine Learning, Web RTC, Web Sockets
Achievements: Secured **Gold Medal** in an inter-college **chess competition**.