Umesh Kaushik

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Education

Maharaja Agrasen Institute of Technology   August 2019 - August 2023
B.Tech (GPA: 9.00 / 10.00)   *Rohini, Delhi*

Experience

Uniqode   July 2023 - Present
Software Engineer   *Bangalore, Karnataka*
- Directed the migration of the website to **Next.js**, incorporating features like **server-side rendering** , leading to a 35% boost in **SEO performance** and significantly lowered bounce rates.
- Led a pivotal role in developing the *QR Code Generator widget* for the company website, significantly enhancing product showcase capabilities and user engagement.
- Analyzed **Content Security Policy (CSP)** values for websites, enhancing security protocols and mitigating risks associated with **cross-site scripting (XSS)** attacks.
- Managed the **GitHub CI/CD pipeline**, integrating automated tests and ensuring seamless deployment processes.
- Directed Front-End development for the company's latest acquisition of the *T-QRCG* platform, demonstrating proficiency with diverse technologies.

Uniqode   January 2023 - July 2023
Software Engineer Intern   *Bangalore, Karnataka*
- Engineered comprehensive testing suite using **DataDog**, seamlessly integrated into the **GitHub CI/CD pipeline**, and established **real-time communication channels via Slac**k, reducing deployment errors by 40%.
- Worked closely with business analysts to understand and implement test scenarios that **reflect real-world use cases** and wrote **APIs** for the user dashboard list and filter views.
- Introduced multiple **Gulp automation** scripts, streamlining build processes and cutting down manual tasks.

Projects

ConversaSync │ *NEXT.JS 13, REACT, SOCKET.IO, PRISMA, TAILWIND, MYSQL*
- Created and integrated **real-time chat, audio calling, and video calling functionality** utilizing **WebSocket** and Socket.io technologies.
- Incorporated **multimedia file sharing capabilities**, allowing users to share images, videos, and documents within chat channels.
- Implemented moderation tools such as message deletion, **user banning**, and **role management** to maintain a healthy community environment.

CollabCanvas │ *NEXT.JS, REACT, TAILWIND*
- Built an online collaborative whiteboarding platform enabling distributed teams to brainstorm, plan, and manage workflows effectively with a lab-tested SEO of score 100.
- Enforced a user-friendly interface with features such as digital sticky notes, drawing tools, and shape libraries for creating and organizing ideas.
- Integrated **real-time collaboration** features allowing multiple users to work together on the same board simultaneously, ensuring seamless and efficient collaboration.

Technical Skills

Languages: TypeScript, JavaScript
Technologies: React.js, Next.js, Express.js, Node.js, Gulp, Bootstrap5, SSR, CSR, ISG
Testing Tools: Selenium, DataDog
Developer Tools: Git, VS Code, Linux, GitHub
Operating Systems: Linux, Ubuntu
Concepts: Carbon Design System, UI, UX, Data Structures, Algorithms, Core Web Vitals