

RISHIKESH GHOSH

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SOFTWARE ENGINEER

Results-oriented Software Engineer with a solid 1+ year background in designing, developing, and maintaining cutting-edge software solutions. Proficient in full stack (Mern stack) with a strong emphasis on creating efficient, scalable, and maintainable code. Adept at translating complex business requirements into technical specifications and collaborating closely with cross-functional teams to deliver high-quality products within tight deadlines.

SKILLS

Html, Css, Javascript,
React.js, Next.js, Redux,
Typescript,

MongoDb, Mysql, Express.js,
Java, Solidity, Hardhat,
Ether.js

Tailwind.css, Socket.io,
Bootstrap, Node.js
Spring boot

PROFESSIONAL EXPERIENCE

Snsinmedia

October 2023 - March 2024

Software Engineer Intern

Contributed with well organized developer team to build real time production level web applications for clients for 5 months.

Accomplishments:

- Led the end-to-end development of 5 + full-stack applications, encompassing both front-end and back-end technologies.
- Designed and optimized database structures, improving query performance and overall system efficiency.
- Created RESTful APIs to facilitate seamless communication between front-end and back-end systems.
- Implemented security best practices, including encryption protocols and secure coding techniques, ensuring robust protection against potential vulnerabilities.
- Developed innovative features and functionalities that directly contributed to revenue generation for clients, driving business growth and market competitiveness.

Freelancing

April 2024 - Present

Software Engineer

Building full-stack web applications for mid-range organization

Accomplishments:

- I have completed 20 + mid-range full-stack web applications for my clients.
- Successfully delivered software projects consistently ahead of deadlines, ensuring client satisfaction and fostering long-term relationships.
- Engineered scalable software architectures capable of accommodating exponential growth in user demand, ensuring seamless performance under increasing workloads.
- Implemented cost-saving measures through the introduction of automation tools, resulting in reduced development time and enhanced resource utilization, ultimately leading to improved project profitability.
- Spearheaded the adoption of cutting-edge technologies, such as AI or blockchain, to create innovative solutions that address evolving industry needs and challenges.

PROJECTS

Nastasia - Production

October 2023 - March 2024

<https://nastasia.in>

i worked in this full-stack web e-commerce application for 3 months straight with the developer team.

Features that i built

- Engineered robust e-commerce platforms capable of seamlessly handling high volumes of transactions, ensuring uninterrupted service during peak periods and sales events.
- Designed and implemented scalable architectures that can effortlessly accommodate spikes in user traffic and transaction loads, supporting business growth and scalability.
- Optimized website and application performance to enhance user experience and reduce page load times, resulting in increased conversion rates and customer satisfaction.
- Implemented continuous improvement practices such as A/B testing, user feedback analysis, and iterative development cycles to enhance product features, user experience, and overall performance continually.

Iksaa - Production

April 2024 - Present

<https://iksaa.in>

i worked in this full-stack web e-commerce application for 4 months with the developer team.

Accomplishments:

- Implemented robust analytics and reporting capabilities to provide insights into customer behavior, sales performance, and marketing effectiveness, enabling data-driven decision-making and optimization strategies.
- Integrated social media platforms and features such as social sharing buttons, user-generated content feeds, and shoppable posts, leveraging social networks as sales channels and driving engagement and conversions.
- Ensured compliance with relevant e-commerce regulations and standards, such as GDPR, CCPA, and ADA accessibility guidelines, mitigating legal risks and enhancing trust and credibility with customers.
- Implemented strategies and features to optimize conversion rates, such as streamlined checkout processes, persuasive product descriptions, and strategically-placed call-to-action buttons, resulting in increased sales and revenue.

Team-chat-app - Personal Project

October 2023 - March 2024

<https://team-chat-app2-1000.onrender.com>

Developed this full-stack social-chat application from scratch around for 6.5 months all by myself.

Features that i built

- Developed a chat application that is compatible with multiple platforms, including web browsers, desktop applications (Windows, macOS, Linux), and mobile devices (iOS, Android), ensuring accessibility and availability across a wide range of devices.
- Implemented voice and video calling features, allowing users to make high-quality voice and video calls with their contacts or within chat groups, enhancing communication capabilities and fostering real-time collaboration.
- Designed a server and channel-based organizational structure, enabling users to create and join servers and channels based on shared interests, topics, or communities, facilitating community building and content organization.
- Developed moderation tools and features, such as message deletion, user banning, and content filtering, to empower server administrators and moderators to maintain a safe, welcoming, and inclusive community environment.