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Top Skills

Software Engineers

Blockchain

Web3

Certifications

Coding Exercises: React.js

Learning Full-Stack JavaScript Development: MongoDB, Node, and React

Shuvo Roy

Experienced Full Stack Developer | Specializing in React.js, Next.js, and Sanity.io | Proven Expertise in Scalable Web Solutions
Dhaka, Bangladesh

Summary

With over 8 years of experience in full stack and front-end development, I specialize in building fast, scalable, and secure web applications using modern technologies like React, Next.js, Vue.js, and Sanity. I focus on creating solutions that improve business operations and deliver seamless user experiences.

Throughout my career, I've led and contributed to many successful projects, from building real-time browser extensions with WebRTC and JavaScript to optimizing API integrations for better performance. I've also contributed to the open-source community and worked on high-traffic web platforms, improving their speed and accessibility.

Key Achievements:

• Real-Time Browser Extension: Developed a browser extension using WebRTC, enabling smooth, real-time communication.
• API Optimization: Boosted platform efficiency by 25% through integration of third-party APIs.
• Open Source Contribution: Created the @operationnation/sanity-plugin-schema-markup to simplify Schema Markup for content creators.
• Scalable Databases: Designed databases with Node.js and MongoDB, ensuring reliability and zero downtime.
• Social App Launch: Built Pulse, a movie streaming app with real-time chat and personalized recommendations.
• Performance & Accessibility: Improved web load times by 30% while meeting WCAG accessibility standards.
• DevOps & CI/CD: Implemented CI/CD pipelines with Jenkins and Docker, reducing deployment downtime by 50%.
• PWA Development: Increased mobile engagement by 40% through responsive Progressive Web Apps.
• API Rate Limiting: Used Redis and Memcached to maintain high availability under peak traffic.

• Multi-Cloud Deployments: Managed scalable deployments across AWS, Google Cloud, and Azure.

I'm passionate about using technology to solve real-world challenges. If you're looking for innovative solutions that can improve your business, let's connect.

Skills: React, Next.js, Vue.js, JavaScript, Node.js, Sanity, MongoDB, TypeScript, HTML, CSS, WebRTC, Docker, Google Cloud, AWS, Azure, API Integration, PWA Development, Performance Optimization, CI/CD Pipelines, Redis, Memcached, eCommerce, Chrome Extensions, Responsive Design.

Experience

Operation Nation
Full Stack Developer
September 2022 - Present (3 years 2 months)
Portugal

✦ Implemented performance enhancements and system health monitoring solutions, resulting in a 30% reduction in server response times and a 50% increase in overall application speed.
✦ Established robust coding best practices through workshops, reducing bugs by 40% and saving two days of troubleshooting per month.
✦ Designed and wrote the front end of the SAAS application using ReactJS and the headless CMS using Typescript/JS with 10,000 reusable components.
✦ Conducted database queries and application logic, reducing load times by 35% on high-traffic applications and improving overall user experience.
✦ Managed a 5-member developer (senior, junior) team and coordinated with the senior developer toward the successful launch of a client website.
✦ Mentored a junior web developer in agile methodologies, implementing effective debugging strategies that fostered collaboration with senior colleagues and conducted project completion speed while reducing development hours by 30% overall.
✦ Analyzed web performance issues and optimized all websites, achieving a Lighthouse score of 98% on the front end.

Matthew Luke Studio
Full Stack Developer
January 2021 - August 2022 (1 year 8 months)

✦ Created 10+ responsive, high-performance web applications, ensuring scalability and increased user experiences.

✦ Built 4+ custom Shopify websites, integrating APIs and custom features to enhance eCommerce functionality and increase user engagement.

✦ Integrated Sanity.io headless CMS into 5 web applications, allowing clients to update content without development downtime; reduced manual updates by over 60 hours monthly.

✦ Troubleshoot and corrected severe issues affecting both client-side and server-side components, ensuring uninterrupted functionality which resulted in a notable decrease in user-reported outages by over 40%.

✦ Resolved 15 complex coding challenges, enhancing algorithmic efficiency and cutting runtime by up to 30%, resulting in faster load times that achieved user satisfaction across five web applications.

123workforce
Frontend Web Developer
December 2019 - December 2020 (1 year 1 month)
Dublin, County Dublin, Ireland

✦ Created 40+ front-end pages with pixel-perfect, fully responsive UI designs.

✦ Developed and improved 50 reusable UI components, cutting development time by 30%; ensured consistent design across projects while enhancing maintainability for future updates in over 40 front-end pages.

✦ Enhanced front-end performance by reducing page load times by up to 25% through optimized JavaScript and CSS techniques, improving site speed and SEO rankings.

✦ Spearheaded development and implementation of modular CSS and reusable code structures in 30+ pages, improving maintainability and scalability for future development.

✦ Integrated over 10 third-party APIs into web applications, allowing real-time data retrieval and enhancing user workflows; led to a marked increase in user interactions and overall satisfaction scores.

Boi Kotha
Full Stack Developer
February 2018 - October 2019 (1 year 9 months)
Dhaka, Bangladesh

✦ Used Vue.js, PHP, Laravel, Bootstrap, and JS to develop app-solutions.

✦ Maintained complex technology infrastructure and collaborated with the product team to implement new features and strategically plan for future products.

✦ Developed efficient and maintainable software according to business objectives and needs of clients.

✦ Reviewed code, debugged problems and corrected issues.

Code Builder IT
Full Stack Developer
September 2016 - November 2018 (2 years 3 months)
Dhaka, Bangladesh

✦ Applied responsive design principles to ensure consistent display and functionality across a wide range of devices, including mobile phones, tablets, and desktop computers.

✦ Migrated legacy systems to modern technologies, resulting in improved system stability and reduced maintenance costs.

✦ Improved and designed monitoring systems to address issues with system stability and quality of data.

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Education

National University of Bangladesh
Bachelor of Science - BS, Computer Engineering · (2014 - 2018)

Banophool Adibashi Green Heart College
Higher Secondary Certificate(H.S.C), Science · (2011 - 2013)

Sharoj International School
Secondary School Certificate(S.S.C), Science · (2009 - 2011)