JOHNNY MARTENS

Full Stack Developer

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SUMMARY

Experienced full-stack developer with a passion for crafting resilient web apps. Proficient in React, Next.js, Node.js, MySQL, MongoDB, and UI/UX. Skilled in optimizing performance, integrating APIs, and delivering client-centric solutions.

EXPERIENCE

Full Stack Developer

Nests Social

📅 12/2022 - Present   📍 Remote

Nests is a user-centric social media platform with a focus on personalized feeds. It eliminates intrusive ads and empowers creators by offering monetization opportunities. This aims to boost their online presence and back their creative pursuits.

- Leveraged React, Next.js, TypeScript, HTML, CSS, and JavaScript to develop a dynamic web application for a startup social media platform, expanding its reach beyond the existing iOS app.
- Used GitHub for version control, collaborative coding, continuous integration, and project management.
- Successfully integrated Google Firebase to retrieve and manage user data, posts, comments, replies, likes, and followers, enriching the platform's content and interaction capabilities.
- Engineered a creative solution to efficiently retrieve user-followed posts, overcoming Firebase's query limitations by breaking down queries into manageable chunks and implementing pagination for streamlined data retrieval.
- Designed and implemented retrieval and integration of user data and post content from Google Firebase, leading to a measurable increase in website traffic after expanding beyond the iOS app.
- Devised a strategic approach to handle limitations in Firebase's query capabilities, effectively optimizing the process of retrieving posts based on user following and implementing pagination for enhanced user experience.
- Ensured the web application's scalability by leveraging Firebase's built-in features, laying the groundwork for handling increased user traffic and data volume.
- Ensured a secure user experience by implementing user authentication and authorization using Firebase's robust authentication system, adhering to best practices for data protection.
- Collaborated closely with the founder to develop a minimal viable product (MVP), ensuring alignment with the company's vision and requirements.

Full Stack Developer

UniFab

📅 06/2022 - Present   📍 On-Site

As a Full stack developer, I developed and implemented internal tools for the HR team, enabling efficient and streamlined information sharing within the company.

- Spearheaded the development and deployment of internal tools, optimizing information flow within the HR team. Achieved a remarkable 50% enhancement in cross-site communication, contributing to improved collaboration company-wide.
- Engineered and executed user authentication and authorization systems, leveraging Firebase authentication to ensure secure access to internal tools.
- Innovated the integration of a digital suggestion box feature and real-time notification system. This dynamic addition significantly increased user engagement by providing prompt notifications for new suggestions, thereby facilitating efficient feedback collection.

IT Manager

UniFab

📅 01/2020   📍 On-Site

Oversaw and managed the company's computer hardware, software, and networking infrastructure, prioritizing regular updates, security measures, and maintenance.
This proactive approach resulted in a notable 20% reduction in system downtime, enhancing overall operational efficiency.

- Orchestrated the oversight and management of the company's comprehensive computer hardware, software, and networking infrastructure. Employed a strategic approach that prioritized regular updates, robust security measures, and consistent maintenance. This proactive stance yielded a notable 20% reduction in system downtime, amplifying overall operational efficiency.
- Delivered prompt and effective **technical support**, harnessing my communication skills and problem-solving expertise to ensure timely resolution of all IT issues, minimizing downtime and maximizing productivity.
- Staying abreast of the latest trends and technologies, I provided informed recommendations for new systems and services, utilizing your quick learning capabilities and technical knowledge to align technological advancements with the organization's goals.
- Collaborated with cross-functional teams to execute successful implementation of network infrastructure upgrades, contributing to improved data flow and reduced latency.
- Cultivated relationships with external technology partners and vendors to ensure the timely procurement of necessary equipment and services.
- Facilitated training sessions for staff members, empowering them with the necessary technical skills to operate effectively within the digital ecosystem.

EXPERIENCE

Frontend Developer Support
Frontend Simplified

📅 09/2022 - Present   📍 Remote

- Providing support to a large student community, I demonstrated exceptional communication skills to simplify complex programming concepts, enhancing the learning experience for members. Leveraged HTML, CSS, JavaScript, React, and teaching skills to make programming concepts accessible.
- Implemented debugging best practices using inspect element tools, showcasing debugging skills and technical expertise to troubleshoot and resolve issues efficiently.
- Employed pedagogical expertise to deconstruct intricate programming concepts for the student community. Simplified challenging topics such as responsive website development, CSS layout techniques, Promises, and API requests, thereby bridging the comprehension gap and fostering an environment of enriched understanding.

CAD Designer
UniFab

📅 08/2018 - 01/2020   📍 On-Site

As a CAD designer, I skillfully transformed customer specifications and requirements into tangible 3D models, a process that served as a catalyst for swift prototyping and streamlined manufacturing.

- Spearheaded the design and engineering of tailor-made sheet metal components, meticulously crafted to surpass customer specifications. This unwavering commitment to high quality and precision played a pivotal role in ensuring manufacturing excellence.
- Introduced design optimization techniques that yielded substantial cost and time efficiencies in manufacturing processes. This strategic approach resulted in notable reductions in manufacturing costs and lead times, all while upholding the highest standards of product quality and functionality.
- Reduced manufacturing costs and lead times through design optimization.
- Collaborated seamlessly with cross-functional teams to ensure the timely delivery of high-quality components. Fostered effective communication, coordination, and cooperation among team members to meet project deadlines and exceed customer expectations.
- Demonstrated exceptional prowess in executing intricate CAD design projects, consistently delivering remarkable outcomes ahead of schedule. These accomplishments translated directly into tangible time and resource savings for the company, fueling heightened productivity and elevating overall project efficiency.