NATHAN MAGRO

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FRONTEND DEVELOPER: Passionate in Building Engaging UI

SUMMARY

Frontend developer who enjoys transforming designs into dynamic user interfaces (UI) and exploring the latest technologies to optimize and improve applications. I am well versed in JavaScript/TypeScript, ReactJs, NextJs and HTML/CSS. My goal is to find a position that focuses on building UI that consumes API and displays data in a responsive and intuitive way.

EXPERIENCE

Frontend Web Developer   04/2022 - Present
Sector Eleven Ltd., San Gwann, MT

- Led the development of multiple e-commerce and portal websites, and a SaaS project using frameworks like Next.js and TypeScript, significantly enhancing user engagement and scalability.
- Executed SEO strategies to improve the organic growth of e-commerce and SaaS projects, increasing overall traffic.
- Implemented an internal digital system that improved departmental communication and productivity, saving the team 45 minutes daily in non-essential meetings, resulting in a more efficient workflow.
- Designed and developed a custom toolkit library with over 50 modular components, boosting project development efficiency by 65% and streamlining the development process for the team.
- Created responsive ReactJS components, ensuring a seamless user experience across various devices, which led to a 20% increase in mobile user engagement.
- Maintained an exceptional client satisfaction rating of over 4.5 stars by rigorously testing applications with frameworks such as Jest, ensuring high-quality deliverables and minimizing user-reported issues.
- Collaborated with the backend development team to develop routes and services, ensuring timely project completion by effectively managing time and prioritizing tasks.
- Developed versatile e-mail and PDF generation templates using HTML, CSS, and Paged.js, enhancing content responsiveness to dynamic data and improving communication effectiveness.
- Upgraded multiple projects from Next.js version 13 to 14, staying ahead of current trends and best practices, which resulted in improved application performance and maintainability.
- Refactored RESTful projects to utilize TypeScript Remote Procedure Calls (TRPC), creating a type-safe environment that facilitated immediate frontend integration of backend changes, reducing development time by 30%.

Mechanical Engineer   07/2020 – 04/2022
Tektraco Medical, San Gwann, MT

- Led the design and transition from paper-based to digital documentation for medical gas device maintenance and record-keeping, boosting maintenance technician productivity by 40% and empowering clients with instant access to data.
- Delivered comprehensive technical support and training to maintenance technicians and clients on the new paperless software system, ensuring smooth adoption and optimal utilization, which resulted in a 95% user satisfaction rate.
- Utilized CAD software to update medical gas pipeline installation drawings, ensuring the availability of accurate and current information for maintenance and repair tasks, thereby reducing errors and improving efficiency.
- Developed and maintained a centralized data file for installed products, providing an easily accessible resource that streamlined information retrieval for both clients and technicians, reducing data lookup time by 50%.

Industrial Technician (Apprenticeship)   06/2011 – 09/2013
Playmobil, Hal-Far, MT

- Acquired in-depth knowledge of manufacturing processes including injection molding, printing, and packaging.
- Performed preventative and corrective maintenance on equipment, to minimize disruptions to business continuity.

EDUCATION

Master of Science (MS) in Electrical Engineering   02/2022
University of Malta, Msida, MT

Bachelor of Science (BS) in Biomedical Engineering   06/2019
Malta College of Arts, Science, and Technology, Paola, MT

SKILLS

- **Languages:** JavaScript and TypeScript, HTML, CSS, Styled Components, Tailwind, SQL, Python.
- **Libraries and Frameworks:** ReactJS, NextJS, MUI, Jest, ExpressJS, NodeJS, RESTful, tRPC.
- **Databases and Services:** MongoDB, Google Cloud Services (Firebase and Firestore).
- **Development Tools:** VS Code, Github, Docker, Figma.