Omar Eltomy

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SKILLS

HTML, CSS, Javascript, Typescript, React, Next.js, Redux, GraphQL, Three.js, WebGL, React Three Fiber/Drei, Firebase, MongoDB, AWS, Node.js, Express, Git, Github, AGILE, Figma.

EDUCATION

M.U.S.T University - Collage of Information Technology and Artificial Intelligence   **Bachelor Degree**   2023 - 2027.

EXPERIENCE

Web Development Coding Tutor   **Preply** - Online   2024 - 2025

- Taught Over 140 lessons within my first 4 months with a rating of 5 stars.
- Mentored over 8 students and helped them achieve their coding and professional goals.
- Ranked usually as number 1 usually due to my increasing popularity on the platform.

Tech Lead and Operation Manager   **Dreamea** - Cabanatuan, Philippines   2023 - 2024

- Interviewed and hired 3 freelancers and insured they were a perfect match.
- Helped Delivering more than 15 projects on time with high quality results.
- Built a web application to showcase our services, promote our work and attract global clients.

Co-founder and Tech-lead   **Nuros** - Rotterdam, Netherlands   2022 – 2023

- Managed and motivated a team of 3 developers and made technical decisions that aligned with overall business strategy.
- Pioneered and directed all design aspects and branding of the company, resulting in a 400% increase in brand recognition.
- Collaboration and communication: How to communicate with non-technical stakeholders and partners and facilitate cross-functional collaboration.

PROJECTS

A1 Sprinklers (a1spr.com)   Tech Stack - (NEXT.JS, Typescript, GRAPHQL, TAILWINDCSS, EMAIL.JS).

- Converted a 24-page WordPress site to a Next.js application, recreating pages with a CMS for content management, email form submission via email.js, external links (including payment), and custom error pages.
- Enhanced performance using server-side rendering and static page generation while ensuring responsive design, cross-browser compatibility, SEO, data security, and Google Analytics integration, built with Next.js, Vercel, and TailwindCSS.

Dreamea (Dreamea.vercel.app) Tech Stack - (NEXT.JS, FIREBASE, GRAPHQL, THREE.JS, GLSL, SHADERS, TAILWINDCSS, EMAIL.JS).

- Leveraged WebGL shaders in conjunction with Three.js and complex mathematical algorithms to craft two distinct and visually stunning patterns, enhancing the user experience with a unique web interface.
- Developed a cohesive brand image for the website by creating a custom logo and theme, which resulted in an aesthetically pleasing platform to highlight our services.

Portfolio (Omareltomy.com)   Tech Stack - (NEXT.JS ,THREE.JS, REACT THREE FIBER, REACT THREE DREI, TAILWINDCSS, EMAIL.JS).

- Constructed a single-page Next.js website featuring 4 sections and 2 interactive 3D models to enhance user Experience.
- Incorporated search engine optimization best practices That increased traffic by 40%.

Nuros (Nuros.org)   Tech Stack - (NEXT.JS ,THREE.JS, REACT THREE FIBER, REACT THREE DREI, TAILWINDCSS, GRAPHQL).

- Implemented 6 distinct routes with unique functionality and visually appealing design.
- Designed 2 custom 3D models with blender, enhancing the overall user experience.

ACCOMPLISHMENTS

- **Programming Prodigy:** Began coding journey at 12 years old, mastering C++ and setting the foundation for a technology-oriented career.
- **Freelancing Projects:** Acted as both a client and a freelancer on more than 14 projects, consistently meeting project deadlines.
- **Online Tutoring:** Built trust with 10 students within the first 4 months of joining, delivering over 140 coding lessons.
- **Multidisciplinary Skills:** Developed proficiency across five key domains: Full-stack web development, UX/UI design, Algorithms and Data Structures, Computer Architecture and Cybersecurity.
- **Linguistic Agility:** Fluent in both Arabic and English, enabling effective communication and cultural connectivity in diverse business environments.