AMIR AZHAR

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WORK EXPERIENCE

Software Engineer   **Aug 2022 - Present**
Visa   **Singapore**

- **Led the design and frontend development** of multiple projects, each requiring close collaboration with cross-functional teams across different countries to understand pain points, ensure alignment and seamless integration.
- Designed and developed a portal for REs and RMs to monitor deployment health across multiple VM servers and OpenShift/Docker namespaces, enhancing visibility and **50% faster debugging and troubleshooting processes** using **Next.js** with **Typescript**, **Material UI**, **Redux**, **Node.js** and **Prometheus**.
- Developed a Gen AI dashboard for management to track of lines of Gen AI code, adoption rate and other key metrics surrounding Gen AI usage on a team, manager or individual level, including analytics of historical data - using **React** with **Typescript**, and **Spring Boot** backend with **MongoDB**
- Designed and developed a PR dashboard to streamline release tracking, reducing miscommunication between stakeholders and expediting the functional sign-off process - using React with TypeScript, Material UI, and Node.js with MongoDB.
- Refactored a five-year-old Angular 2.0 codebase (>75,000 lines) into React, modernizing authentication, error handling, and design while significantly **reducing load and render times by 70% (~1.5s)** through code splitting, caching, and lazy loading.
- Delegated tasks and tickets, while mentoring and guiding trainees and junior developers, offering support on best practices, code reviews,and career growth, all while helping improve team productivity and skills.
- Deployed, maintained, and troubleshoot **VM**, **Docker**, and **OpenShift** deployments for Visa products, collaborating with cross-functional teams to ensure smooth operations and reduce downtime, resulting in **20% faster deployment cycle**

Software Engineer Intern   **Dec 2021 - Jun 2022**
GetSolar (formerly Solar AI)   **Singapore**

- Designed and developed an Admin Platform for the Solar AI sales team and energy companies through tailored solutions., improving **lead management workflows by 20%** and enhancing **team productivity by 15%**
- Created a Customer Portal to streamline onboarding for new customers and prospects, collaborating closely with cross-functional teams to ensure an intuitive and seamless user experience, resulting in a **20% increase in onboarding process efficiency**
- Built an EPC Platform for energy company partners, automating the offer and proposal workflow to reduce operational inefficiencies and improve partner collaboration.
- Leveraged **Next.js** and **AWS** services such as **DynamoDB, Lambda,** and **Elasticsearch** to build scalable, high-performance platforms while effectively communicating technical challenges and solutions across diverse stakeholders.

WordPress Developer   **Sep 2021 - May 2022**
NUS Global Studies   **Singapore**

- Spearheaded the redesign and implementation of the NUS Global Studies website on WordPress, demonstrating initiative and a user focused approach that improved site functionality for **hundreds of daily visitors**.
- Collaborated closely with stakeholders to manage and fact-check diverse content, ensuring accuracy and quality.
- Developed reusable **JavaScript plugins** that streamlined team workflows and reduced development time.

EDUCATION

Bachelor of Engineering (Computer Engineering)   **Aug 2018 - May 2022**
National University of Singapore

CERTIFICATIONS

Amazon Web Services Solutions Architect - Associate ☐ by **AWS**   Dec 2024
Certified Kubernetes Application Developer ☐ by **The Linux Foundation**   May 2021
IBM Data Science (Professional Certificate) ☐ by **IBM**   Sep 2022

TECHNICAL SKILLS

Languages: Javascript/Typescript, HTML, CSS/SCSS, Java, SQL, Python
Technologies: AWS, React. Next.js, Spring Boot, Jenkins, Kubernetes, Docker
Others: Jira, Git/GitHub/Bitbucket, Figma