JOHN DEREK ANAS

R E S E A R C H   E N G I N E E R   I I

CONTACT

- +65 85110424
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- 74 Sengkang Square Singapore (544707)

EDUCATION

2010 - 2014
DE LA SALLE UNIVERSITY - DASMARINAS

- BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

SKILLS

- LLM Hugging Face
- AI/ML
- TENSORFLOW
- TYPESCRIPT
- NODE.JS
- REACT.JS
- LAMP/MERN
- GRAPHQL
- AWS
- TERRAFORM
- PYTHON
- GOLANG
- CSS/SASS/TAILWIND
- UX/UI FIGMA

LANGUAGES

- English (Fluent)
- Filipino (Fluent)

PROFILE

Full Stack Developer with 10 years of experience specializing in scalable, innovative digital solutions. Detail-oriented and deadline-driven, I excel in fast-paced environments while collaborating with teams to deliver high-quality results aligned with business goals. Passionate about mentoring and crafting future-focused digital experiences.

WORK EXPERIENCE

Nanyang Technological University   2024 - PRESENT
Research Engineer II

- AI/ML predictive models for real-time risk forecasting and anomaly detection in ship operations.
- Safety analytics frameworks integrating sensor, environmental, and biometric data to assess risks holistically.
- Crew well-being monitoring using physiological/mental health indicators to detect stress and fatigue.
- Decision-support tools that automate safety alerts and recommend mitigation strategies.

SPH Media, Singapore   2019 - 2024
Software Engineer

- I transform magazine websites using React.js for a modern Web 2.0 look, ensuring dynamic user experiences. Server-side rendering via the CUE system boosts performance and content delivery.
- AWS Cloud Practitioner - SZXJL07DPEBQQ0GQ
- ITIL V4 - GR671591750JA

Teckwah Industrial Pte Ltd, Singapore   2017-2019
Campaign Manager / Developer

- I build advanced digital solutions, including Cross Media Campaigns (XMPie VDP), E-Commerce, and Web-to-Print platforms, using PHP, Python, and AngularJS

Flava Design LLP, Singapore   2014-2017
Full Stack Developer

- Expert in WordPress & Drupal full-stack development, with CMS/CRM coding (CodeIgniter). I build mobile apps (Appcelerator) and design logos/layouts. See my work: flava.sg

REFERENCE

Prof. Yuen Kum Fai
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