Ken–Joo Yeap

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Passionate master graduate in Mechanical Engineering, self-equipped full stack developer through open source, freelance and personal projects seeking for challenging and exciting opportunities in the UK.

Core Competencies

✓ JavaScript	✓ CSS	✓ Node.js	✓ Laravel	✓ Git	✓ Project Management
✓ MySQL	✓ PHP	✓ Angular	✓ Postgresql	✓ Hapi.JS	✓ Customer Relations
✓ HTML	✓ Python	✓ React	✓ React–Native	✓ OPP	✓ Team Leadership

Education

Masters in Renewable Energy   03/2015 — 02/2019
RWTH Aachen University, Germany

Master Thesis: Proposed refined control method of energy control in building with big thermal mass using weather forecast data that has proven through application on actual building to reduce energy consumption.

Bachelor of Science in Mechanical Engineering   10/2010– 01/2014
University of Duisburg–Essen, Germany

Bachelor Thesis: Reduced cost of Gas Turbine Auxiliary by replacing expensive flow dividers with simple solution justified by designed of a 2D simulation capable of being converted to a 3D test bench.

Employment Experiences

FREELANCE   09/2019 till today
Laravel Developer for Illionis (Commercial app)

- – Maintained and develop features needed for the CMS

React–Native developer for Twine–Monolith (Free to community businesses)

- Developed mobile app with a team of designer and react–native developers
- Built reusable react native components such as helpSlide and award badges templates
- Developed API endpoints in controller to get data from postgresql using Knex
- Developed postgresql database structure for push notification and award badges
- Deployment in Heroku (Server) and Expo (App)

Fullstack developer for Bemyownboss (Digital marketing company)

- Developed the frontend and backend for the various customer using CSS, HTML, JavaScript and PHP
- Intergrated auto emailing system with mailchimp API using PHP
- Payment with stripe using PHP
- Help customer digitalize and systemize their business with sales funnel strategy

Fullstack developer for Sooann–solutions(Insurance agency)

- developed the frontend using CSS, HTML
- Developed content management system with PHP and MySQL

Angular Developer for Weco (Social News Company)

- Implement front–end design with Angular

Language Proficiency

Fluent: English, German, Mandarin, Malay and Cantonese