Akmal Shareef

Full Stack Web Developer

I am a self-taught web developer pivoting from an aircraft engineering background. I have been creating full stack, responsive web applications for over a year, with a solid understanding of the fundamentals, specializing in the MERN stack. I am a quick learner and have an affinity for problem solving and enjoy the challenges that comes with it.

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EDUCATION

Bachelor of Aircraft Engineering Technology (Honours) in Mechanical
Universiti Kuala Lumpur

07/2017 - 07/2021   *3.75*

Courses
- Propeller Noise Reduction Paper - data collection with custom designed 6 sensor testbed and Arduino microcontroller, real time data streamed time over serial connection and recorded to an excel sheet

WORK EXPERIENCE

Freelance
Web Developer

01/2022 - Present

Achievements/Tasks
- Designing, developing, and maintaining all aspects of a web application, including the server-side and client-side components
- Designing frontend UI with modern frameworks such as React and Svelte
- Creating databases, RESTful APIs, and integrating third-party tools and services

Internship
Asia AeroTechnic (AAT)

01/2021 - 07/2021

Achievements/Tasks
- Provided base maintenance assistance and routine maintenance tasks for commercial aircraft such as the A320, B737, ATR42/72
- Assisted in various troubleshoots of mechanical and avionic systems
- Prepare and assisted in composite repair of control surfaces
- Assisted in Borescope inspection on turbine engines
- Took part in Engine preservation and maintenance program for 2 A320 aircraft

Freelance
3D Fabricator and Computer Technician

08/2018 - 12/2020

Achievements/Tasks
- Delivered 3D printing and 3D modeling service for students on campus
- Create 3D models from sketch with CAD software such as Fusion360 and CATIA
- Prepare optimize and slice 3D models for printing
- Provided computer repair and upgrade to customers

SKILLS

JavaScript   HTML   CSS   SASS   Git
React.js   Node.js   MongoDB   RESTful API
Express.js   Tailwind CSS   Svelte   Axios
Passport.js   EJS   socket.io

PERSONAL PROJECTS

Mercury-messenger
- Group messaging application inspired by Discord and Slack, created independently as a learning tool for React and Tailwind

xvargr.dev
- Personal portfolio website, fetches latest public GitHub repository data and automatically wakes up sleeping hosting services for seamless visitor access
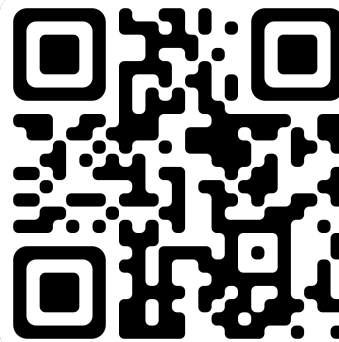
Pins
- Yelp-like reviews website, tutorial guided project created to learn the basics of front and backend web development

LINKS

GitHub - github.com/xvargr   Portfolio - xvargr.dev

LANGUAGES

Malay
Native or Bilingual Proficiency

English [IELTS 8/9 C1]
Full Professional Proficiency

INTERESTS

AI   Automation   3D Printing