

MAHSHID M. NAEINI

SOFTWARE DEVELOPER

SUMMARY

I am a versatile, self-motivated and highly driven Software Engineer with a PhD in Microelectronics and 4 years of experience as an electronics engineer. After moving to Australia and encountering limited opportunities in the semiconductor industry, I transitioned to software development and completed a course at General Assembly Australia. My engineering background has equipped me with problem-solving skills, an analytical mindset, attention to detail, and teamwork. I thrive on continuous learning and solving real-world problems. I am excited to leverage my expertise to develop reliable, efficient, and user-friendly products that positively impact people's lives.

SKILLS

Languages

- HTML /CSS
- JavaScript/TypeScript
- Node.js
- Python

Databases

- PostgreSQL
- MongoDB

Frameworks/Libraries

- Express.js
- React/ Next Js
- Django
- Mongoos

Methodologies

- Object Oriented Programming
- MVC/MVT Architecture
- Responsive Design
- Authentication and Authorization
- User Stories
- ERDs
- Wireframing

WORK EXPERIENCE

Senior Electronics Engineer

Pacton Technologies • 2021 – 2023

Collaborated with cross-functional teams including software engineers, design and development of multiple high-speed cellular(4G/5G) consumer devices, concept design, schematic and PCB design, products standards compliance, research and development.

Electronics Engineer

Pacton Technologies • 2019 – 2021

Designed schematic and PCB for several high-speed wireless telecommunication devices, detailed design documentation and technical specifications, production documentation, met tight deadlines using time management strategies, version control systems like GitLab.

SOFTWARE PROJECTS

Concentration Game [View Code](#) [Live Demo](#)

- Vanilla JS & DOM manipulation
- HTML
- Custom CSS
- Deployed with Github pages

Workout Tracker [View Code](#) [Live Demo](#)

- CRUD systems using Node JS / Express JS
- Google OAuth
- Mongoos / MongoDB
- Custom CSS /Bootstrap
- Deployed with Heroku

Travel WikiMedia [View Code](#) [Live Demo](#)

- CRUD systems using MERN Stack development
- Google map & REST Country API
- User Authentication and Authorization
- Custom CSS /Bootstrap
- Deployed with Heroku

JobFrontier [View Code](#) [Live Demo](#)

- MVT Architecture using Django & Python
- PostgreSQL
- User Authentication & Admin Account
- Custom CSS /Tailwind
- Deployed with Heroku

EDUCATION

Software Engineering Immersive

General Assembly Aus • Jan 2024– Apr 2024

PhD, Microelectronics

Universiti Teknologi Malaysia • 2012–2017

MSC, Computer Architecture

Science and Research IAU

CONTACT

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