

# Wiz Lee Zhe Heng

Backend Heavy Full Stack Web Developer | Domain: Online Employment Marketplace, Media+Telecommunications, Automation & Public Safety

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## Summary

My passion for digital technology continually drives me to advance my skill set as a software engineer. I strongly believe that a good understanding will result in a much better application of knowledge. That believe is the motivation behind pursuing my degree in Electronics Engineering despite my goal of becoming a software engineer.

- Fields of work
  - Current: Online Employment Marketplace
  - Previous: Media & Telecommunication, Embedded System, Machine Automation
- Experienced software engineer who likes to cosplay 🧑🏻♂️ as SysAdmin (setup home lab, etc)
  - Equipped with and practices software design principles such as TDD and SOLID principles.
  - Work well in a team and as a lead in an initiative/project
  - Fast learner with proven track record of learning on-the-job.
  - Has a habit of reading documentation extensively and strive to write concise documentation.
- 🛠 Skills/Tools
  - Main: Node TS/JS, Python, AWS, Docker, C/C++, Git, Buildkite/Jenkins, TDD, and C#.
  - Semi-professional: AngularJS, PowerShell, bash, RabbitMQ, and React JS.

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## Experience

### SEEK (JobStreet)

Senior Software Engineer

**July 2023 - Present**

Core team members of Career Hub Backend (previously known as seekMAX) team.

The descriptions below are summary of Lead Engineer role that I am practising when working as a Senior Software Engineer

- Leading seekMAX AI initiative, balancing both stakeholder management and technical execution.
- Proactive approach in addressing tech debt, improving documentation, and maintaining onboarding processes highlights my commitment to team health and operational excellence.
- Contribute throughout the SDLC acting as a good technical based for leading a tech team. For example, in good testing practices, observability improvements, active knowledge sharing, etc.
- Receiving and giving feedback. For example, applying feedback in hiring and mentorship. Providing detailed feedback to team members giving examples, observations and suggestions.

### Grass Valley

Technical Team Lead

Kuala Lumpur

**Dec 2023 - Jul 2024**

Team Lead for 3 software developers (1 senior, 1 mid-level and 1 junior) and 1 QA tester for AMPP Apps.

### Grass Valley

Full Stack Software Engineer

Kuala Lumpur

**Apr 2021 - Nov 2023**

- Demonstrate quick in learning and rise to the occasion by take ownership over a legacy Java product used in sports production workflows.
- Currently developing part of a new cloud-based live production product called FRAMELIGHT X.

### Motorola Solutions

Software Engineer In Test (SET)

Penang

**Aug 2019 - Mar 2021**

- Subject matter expert that provides support and advice to the software team in automating the tests of new radio features.
- Lead another junior team member to work closely with counterparts in the US.
- Continuously enhance the automation test system to support new radio features. This involves communicating with various stakeholders throughout the planning and implementation phases.

### Motorola Solutions

Software Engineer

Penang

**Mar 2017 - Jul 2019**

- Be a Scrum Master on top of performing ergonomics firmware design and enhancement.
- Volunteer to join a new team formed to develop a new flagship radio device.
- Ramp up new engineers on both the new product and on the automation test, this later leads to another role.

### Micro Modular System (MMS)

Software Development Engineer

Penang

**Aug 2013 - Mar 2017**

- Able to quickly ramp up to champion the software portion of a machine or tester project despite having no prior C# knowledge.
- Demonstrate independence by travelling to the customer site to deploy and power up the machine.
- Starting to exhibit ability to communicate with stakeholders when analysing requirements from the business department or directly from the customers

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## Education

### Universiti Sains Malaysia

Electrical and Electronics Engineering (Electronics)

Bachelor's Degree

**2009 - 2013**

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## Volunteering

### Motorola Solutions

Chairperson for 2018 Motorola Penang Hackathon

**May - Dec 2018**

(I) Organize the first Hackathon in Motorola Penang with good synergy among fellow Hackathon committees. (II)

Work with senior leadership of the organization to align event expectation. (III) Create a committee structure

consists of several functional groups each with a group leader. This is important because all the committee

members volunteer for the event and efficiency is crucial to maximize everyone's time.

### Motorola Solutions

Project Member of an Innovation Project

**June - Nov 2020**

(I) Implements a Proof of Concept (POC) to be presented during Innovation Showcase. (II) Major contribution is in

the front-end web design and enabling the connection between a radio and a web server via an Ethernet

connection.

### Tech Dome Penang, Co-sponsored by several Multinational Companies

Volunteer in STEM Outreach Program

**Mar 2018**

Program Name: Women in Zcience (WIZ) (I) Conduct a workshop that will spark students' interest in Science and

Technology with 3 other team members. (II) This program targets students from primary school up to the pre-

university level. (III) Title of the workshop conducted is "Introduction to AI through Python Gaming Experience"

### Penang Science Cluster

Lego Robotics Trainer

**Sept 2014- May 2015**

Mentoring secondary school students from SMK Batu Maung in Lego Mindstorm EV3 Robotic Sets. Students are

exposed to basic motor movements and simple block diagram programming skills. The objective of the program is

to spark interest in students on science and technology by learning in a fun and engaging approach while creating

their own solutions to the challenges.

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## References

### Saeed Yasin

I worked with Wiz for many years and It was a great pleasure working with him as he is brilliant and passionate. No matter how complex or challenging the problem at hand, Wiz managed to understand and do it in record times. He is always willing to learn new skills and even educate other team members. I believe he will add huge value to any company he chooses to work with. I wish him a good future ahead and success in his future endeavors.

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## Publications

### How to Build a Marketplace with Angular (Etsy Clone)

**2021-08-07T00:00:00.000Z**

A detailed step by step guide to build a marketplace site with chat integration using Angular and CometChat.

Original article referenced as canonical\_url in the dev.to article.

🔗 <https://dev.to/wizlee/how-to-build-a-marketplace-with-angular-etsy-clone-1oae>