

# Tien Foong Leong (Tien)

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## Work Experience

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### Associate Engineer

**15 August 2021 – 24 February 2023**

Pellar Technology Pty Ltd

Melbourne, Australia

- Built and maintained bespoke websites with unique animations tailored towards client's needs using React, JavaScript/Typescript, HTML and CSS
- Engaged with clients in end-to-end project delivery from design, development and deployment, utilising high-level understanding to oversee and improve development progress
- Planned development specifications and requirements for web, blockchain and server components, adapting them based on client and team feedback
- Managed an international based team, directing and supporting them with coding, specifications and testing throughout the development cycle
- Developed RESTful APIs that interacts with Web3, databases, third-party apps and front-end based on business requirements using TypeScript and Express.js
- Utilised GitHub Issues and Notion for scrum and AGILE planning, extrapolated client requirements into various tickets/stories of differing priorities
- Automated CI/CD deployments using AWS CodePipeline and AWS CodeBuild with content hosted on Amazon S3, streamlined development process
- Integrated Web3 components and third-party widgets to websites, actively engaging with developers to ensure correct implementation
- Built smart contracts on Ethereum Blockchain with Solidity to integrate with web and server components

### Remote Freelance Engineer

**July 2020 – July 2020**

99 Speedmart Pty Ltd

Klang, Malaysia

- Streamlined product database record-entry and spreadsheet management with Excel VBA macros, improved work-flow and business operations efficiency for the largest minimart chain in Malaysia.
- Actively engaged with the client in meeting their requirements to ensure satisfactory delivery.

### Project Intern

**1 January 2020 – 31 January 2020**

YTL Communications

Kuala Lumpur, Malaysia

- Assisted with testing of apps and products such as Bluetooth Tracking Tags and Vehicle Status Monitoring in the Internet of Things (IoT)/App Development department.
- Provided valuable feedback relating to products, improved product usability and user experience.
- Handled active documentation and translation of manuals related to the company's products.

## Education

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### Bachelor of Science

University of Melbourne

23 July 2018 – 8 December 2021

Melbourne, Australia

- **Major:** Computing and Software Systems
- **Fields of Study:** Full-Stack Web Development, UI/UX Design, Algorithms and Data Structures, Game Development
- **Projects:** Food Truck App, Client Resource Management App

## Skills

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- **Languages:** JavaScript, TypeScript, HTML, CSS, Python, Solidity
- **Technologies:** React, Node.js, GitHub/Git, Express.js, MongoDB, AWS (S3, EC2, CodePipeline, CodeBuild), Hardhat, Figma
- **Developer Skills:** Full-Stack Development, Unit Testing, Web Design (UI/UX), API Development, Admin and DevOps, Web3 Integration, Smart Contract Development
- **Responsibilities:** Project Management and Planning, End-to-end Product Delivery, Client Liaising, UI/UX Design, Software Development, Asset Storage and Optimisation, Blockchain R&D, Software R&D

## Highlights

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- **Personal Website:** <https://tienfoong.com/>
- **Tennis Australia (AO22/23):** <https://ao-2023.artball.io/>
- **DRP.io (NFT Art Gallery):** <https://drp.io/>
- **The Red Village (NFT Game):** <https://theredvillage.com/>
- **BinKingz (NFT Art Project):** <https://binkingz.io/>