

# Hao Huang

Mobile : +61-041-218-7952

Email : haohuang0507@gmail.com

## SUMMARY

---

- Innovative Software Engineer with 3+ years experience specializing in both frontend and backend development.
- Extensive knowledge and experience in development in microservice base system, familar with domain driven design.
- Extensive experience on CI/CD, DevOps and Cloud services maintainence and migration
- Demonstrated ability in working within an agile developepment envirionment, doing sprint planning, and delivering projects on time

## PROGRAMMING SKILLS

---

- **Languages:** Golang, Javascript, Typescript, Kotlin, C#, Python, Terraform, SQL, Java
- **Frontend Framework:** React, Vue
- **Infrastructure:** Kafka, Kubernetes, Container
- **DB:** MySQL, PostgreSQL
- **Tools:** Azure, GCP

## EXPERIENCE

---

- **Buka Australia** Melbourne, AU  
**Software Engineer - Mid** *Jun 2023 - Present*  
**Technologies:** Golang, React, Vue, Ruby, C#, API, gRPC
  - **Marketplace Appliation Development:** Developed Redemption center marketplace appliation, provide software as a service. Focused on BE development integrating with different partners for different virtual products.
  - **Sprint management:** Communicated with product manager and client. Took responsibility to do task grooming, sprint planning and task assignment making sure team work on in-scope feature and deliver feature on time.
  - **SaaS Development:** Developed marketplace application front-end and back-end using Vue3 and Golang. Developed BE API development for users, and APIs for clients. Partner integration. Handled oncall for client support and issue debugging.
- **Software Engineer - Junior** *Nov 2022 - Jun 2023*  
**Technologies:** Golang, Vue, Kotlin, RESTFul API, gRPC
  - **Cost Reduction:** Delivered Wallet 2.0 project, achieving 50% payment cost reduction and 30% total cost savings in Q4 2023, transitioning to an in-house wallet management system. Optimized resource allocation by downsizing CloudSQL and decommissioning unused services, saving over \$1000 monthly
  - **Services Migration:** Completed migration of services from Azure to GCP, gaining hands-on experience with Terraform, Kubernetes, and DMS for resource provisioning, configuration, and database migration.
  - **Feature development/Coding skills:** Lead BE and FE development, engage in app planning and implementation. Skilled in Golang (main), Kotlin, and Vue3, with infra knowledge. Ensure code quality through tools, refactoring, and code reviews.
  - **User Experience Improvement:** Enhanced user experience by reducing order wait times by 60% through splitting order flow with Kafka. Integrated Braze for asynchronous push notifications upon successful backend order processing.
- **Servian** Melbourne, AU  
**Consultant** *Aug 2021 - Nov 2022*  
**Technologies:** JAVA, Typescrip, Javascript, CDP

- **Australia Post - Java developer:** Participated in an Australia Post parcel management system refactor project within a scrum team. Built a data pipeline in GCP using Python to transform data into BigQuery, and developed features in a parcel system module using Java.
- **Betfair - Javascript developer:** Integrated Segment for Betfair to centralize customer data from multiple sources, enabling audience targeting and personalization, primarily using React(JS).

- **University of Melbourne**

Melbourne, AU

**Research Assistant**

*Feb 2021 - Aug 2021*

**Technologies:** NodeJS, React, Javascript

- **Research:** Researched remote meetings' impact on empathy, planned methodology, and conducted online/offline experiments with volunteers at the Science Gallery.
- **Full stack development:** Developed an online meeting app in React and Python with facial recognition, expression analysis, and admin controls for latency and screen modifications for research purposes.

## EDUCATION

---

- **University of Melbourne**

Melbourne, Australia

**Master of Information Technology in Computer Science; GPA: 4.00 (88/100)**

*Jul. 2019 - Aug. 2021*

- **Shanghai Jiaotong University**

Shanghai, China

**Bachelor of Engineering in Electrical and Electronics; GPA: 3.80 (80/100)**

*Sept. 2014 - Jun. 2018*