

# Hong Kien Nguyen

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Phone: +61452160479



Email: [nguyenhongkien26@gmail.com](mailto:nguyenhongkien26@gmail.com)



LinkedIn: <https://www.linkedin.com/in/hong-kien-nguyen-47ab99213/>



Portfolio Website: <https://2604kien.github.io/>

Github: <https://github.com/2604kien>

## SUMMARY

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I am a passionate Full Stack Developer with almost three years of hands-on experience crafting dynamic and responsive web solutions. My primary tech stack includes React for front-end development and Node.js for back-end, with expertise in both NestJS and Express frameworks. With a focus on continuous learning and improvement, I eagerly seek out opportunities to contribute my expertise to challenging projects, advance my capabilities, and make meaningful contributions to any team or project I'm a part of.

## WORK EXPERIENCE

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### SOFTWARE ENGINEER | Jung Talents – Australia

*June 2022 – Present*

- Collaborated cross-functionally in Agile to design and implement scalable solutions for multiple web applications and microservices.
- Utilized JavaScript/TypeScript ecosystem extensively to develop and deploy front-end (React) and back-end (Express & NestJS) development.
- Designed and implemented parallel database query solutions to improve user search experience that reduced 40% query time for **PTE Master** database.
- Communicated with Business Analyst and Quality Assurance Engineer to ensure quality productions meeting all client requirements.
- Implemented cloud-native solutions on AWS, including containerization with Docker optimizing performance and scalability.
- Conducted thorough code reviews, providing constructive feedback to team members.

### SOFTWARE ENGINEER | Partners In Planning – Australia

*February 2022 – June 2022*

- Worked closely with Business Analysts to conduct comprehensive user interviews and requirement-gathering sessions for **Advice Cyborg** project, which reduced the development time by approximately 30%.
- Translated gathered requirements into clear and concise user stories, which provided a clear vision of the application requirements to the development team.
- Developed end-to-end full-stack dynamic web applications **Advice Cyborg** (Javascript, PHP & CakePHP), including financial solutions, financial chatbot, debt, insurance, and interest rate calculators.
- Prepare user and technical documentation, and communicate with Quality Assurance Engineer to ensure quality production.

**More about projects information at:** <https://2604kien.github.io/>

## TECHNICAL SKILLS

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- **Programming Languages:** Javascript, Typescript, C#, PHP
- **Front-end:** HTML, CSS, ReactJs, Redux Toolkit, NextJs
- **Back-end:** NodeJS, Express, NestJS, ASP.NET Core, CakePHP.
- **Database:** PostgreSQL, MongoDB, MySQL.
- **Cloud:** AWS (EC2, Lambda, S3 Bucket, IAM, CloudFront, VPC, RDS, DynamoDB, ECR, ECS, Route 53...).
- Experience in CI/CD (Jenkins, Terraform), Github, Gitlab, Docker, Jest testing, Trello, Jira, TypeORM, Postman, DNS setup.
- Ability to enhance security through JWT/Session-based authentication and authorization with Role-Based Access Control (RBAC), and implementing Single Sign-On (SSO) using OAuth 2.0 and Auth0.
- Understanding SCRUM Sprints, Systems Development Life Cycle (SDLC), Database Design, System Requirements, and User Stories Gathering.
- Familiar with Object-Oriented Programming (OOP) principles, Agile development practices, Model-View-Controller (MVC) pattern, and REST API.

## EDUCATION

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MONASH UNIVERSITY

*May 2019 – September 2023*

- **Bachelor of Business:** Specialisation in Accounting.
- **Bachelor of Information Technology:** Specialisation in Software Development, Web Development.