



# SOVINHOU UNG

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## EDUCATION

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### Deakin University, Burwood

Mar 2021 – Oct 2023

Bachelor of Computer Science

*Relevant Coursework:* Object Oriented Development, Data Structures & Algorithms, Advanced Algorithms, Frontend Development, Backend Development

### Monash Professional Pathways, Melbourne

Mar 2024 – Mar 2025

*Professional Year ICT Professional Year Program*

## SKILLS

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- Programming: Java, Python, JavaScript, TypeScript, C#, C, HTML/CSS, GraphQL, SQL, PostgreSQL
- Software & Tools: .NET, React.js, Node.js, MongoDB, Firebase, Docker, AWS

## WORK EXPERIENCE

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### Focus Bear Pty Ltd: Frontend Developer Intern

Nov 2024 – Feb 2025

- Engineered an intelligent activity suggestion system using historical user behaviour data; enhanced
- Redesigned and launched a modernized web dashboard interface, introducing a side snapping summary panel and background timer, improving task visibility and increasing average session time
- Resolved over more than 100 critical and minor frontend bugs using advanced debugging tools, which reduced UI crashes and errors by more than 50%, significantly improving reliability
- Crafted responsive and intuitive UI/UX components in Figma and implemented them in React, collaborated in writing unit and integration test cases, achieving 90% test coverage pre-deployment

### Yaarn Pty Ltd: Full Stack Developer Intern

Jul 2023 – Sep 2023

- Built a Python-based web scraping tool capable of extracting article metadata (authors, titles, summaries) from almost every news site, integrating GPT to auto-generate summaries and suggested headlines, reducing manual content processing time by more than 70%
- Designed and deployed a scalable SQL database to manage and secure scraped website data for more than 5,000 records, ensuring uptime and reliable access to the records
- Wrote and executed more than 100 unit and integration tests using PyTest, catching and resolving backend issues before deployment, significantly improving system reliability
- Developed an interactive user interface to complement backend scraping services and designed the introduction page, enabling seamless access and navigation of aggregated content across devices

## PROJECTS

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### DevLink Freelancing Web Application

- Architected and delivered a full-stack freelancing marketplace using React.js and Node.js, integrating Firebase, Stripe, OpenAI GPT, and SendGrid APIs to connect freelancers with employers
- Engineered secure Stripe payment processing with Payment Intents for AUD transactions and developed intelligent OpenAI GPT-powered job description generation to assist user
- Implemented Firebase auth (email/password, Google OAuth) with email verification, real-time Firestore for dynamic job filtering, and automated SendGrid notifications using custom templates
- Optimized application performance with React Router client-side routing, component-based architecture, and responsive cross-platform design

## REFEREES

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Available on request