

# Kim Muong

Junior software engineer

**Sydney, Australia** | **0436117828** | [mail@kimhongmuong.com](mailto:mail@kimhongmuong.com) | [github.com/MuongKimhong](https://github.com/MuongKimhong)

**Portfolio:** <https://kimhongmuong.com>

Computer science graduate, motivated coder with practical experience in Rust, Python and web development. Built and maintained real world projects including web app, library and code editors. Passionate about writing efficient, clean, readable code and continuously improving technical skills.

## Education

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**Institute of Technology of Cambodia**, Bachelor of Computer Science

## Experience

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### Software developer

**SalaCyber Institute** – Cambodia (**July 2021 – June 2022**)

- Initially focused on backend development using Django (Python), building REST APIs with Django rest framework and managing database models.
- Took over frontend responsibilities by developing and maintaining UI development with Vue.js.
- Implemented CI/CD workflows to automate testing and deployment.

## Projects

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**Famig** – experimental GUI library powered by Bevy game engine

- Written in rust, based on ECS (Entity-Component-System) pattern
- Leverages game engine power, to build GUI apps instead of games
- Runs on native platforms and web (via WASM)

**Bace** – web based code editor with basic vim key-bindings

- Built from scratch with Vue.js (frontend) and Tauri (backend)
- Syntax highlighting using Regex
- Runs on Linux & MacOS

## Skills

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- **Languages:** Rust, Python, JavaScript, TypeScript, HTML/CSS
- **Frameworks:** Bevy (engine), Vue.js, Vuetify, Django, Tauri, Textual
- **Tools:** Git, MongoDB, Linux server, Node.js, CI/CD, Docker, PostgreSQL
- **Strengths:** System design, problem solving, fast learner

# Cover Letter

**Kim Muong**

**Sydney, Australia | 0436117828**

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**Dear Hiring Team,**

I am writing to express my interest in a junior software engineer position. I am a computer science graduate with practical experience in full-stack development, particularly using **Django, Vue.js and Rust**. I'm passionate about building useful tools, writing clean, efficient and maintainable code.

During my time at **SalaCyber Institute** in Cambodia, I contributed to internal web application using Django for backend and frontend with Vue.js. I also setup **CI/CD workflows** and **Docker** to simplify deployments and development processes.

Beyond professional work, I've built side projects such as **Famiq**, GUI library written in Rust with Bevy engine, **Bace**, a web-based text editor with vim key bindings and more. These projects reflect my ability to learn quickly, designing apps with performance in mind. You can view my portfolio at [kimhongmuong.com](http://kimhongmuong.com).

I moved to Australia in 2022 and due to visa restrictions, I was unable to work until recently. Now that I'm a **permanent resident**, I'm excited to join a professional team where I can grow, contribute and help deliver high quality software.

Thank you for your time and consideration. I would love the opportunity to discuss about my skills and knowledge can take part and benefit your team. Please contact me at **0436117828** or via email at [mail@kimhongmuong.com](mailto:mail@kimhongmuong.com). I look forward to hearing from you.

Sincerely,

**Kim Muong**