

Kim Muong

Entry-level software engineer

Sydney, Australia | 0436117828 | mail@kimhongmuong.com | github.com/MuongKimhong

Computer science graduate, motivated coder with practical experience in Rust, Python and web development. Built and maintained real world projects including library and code editors. Passionate about writing efficient, clean, readable code and continuously improving technical skills. Seeking an entry level software engineer role to contribute and grow within a collaborative team.

Education

Institute of Technology of Cambodia

Bachelor of Computer Science, 2018 – 2022

Projects

Famiq – 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

PVI-Editor – Vim-like terminal based text editor written in Python

- Built on top of Textual framework
- Include all necessary features and key bindings
- Runs in Terminal on Linux & MacOS

Skills

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

Cover Letter

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Dear Hiring Team,

I am writing to express my interest in a junior or entry-level software engineer position at your company. Although I may not yet have industry experience, I have spent the past few years learning, building and maintaining real-world software projects including graphical user interface library, code editors from scratch.

I hold a bachelor's degree in computer science from Institute of Technology of Cambodia and since moving to Australia, I've continued to sharpen my skills in Rust, Python and web development. My most recent project, **Famiq**, is a GUI library written in Rust, powered by Bevy game engine. I've also developed text editors like **Bace** (using Vue.js + Tauri) and **PVI-Editor** (using Python + Textual), **terminal-based chat app** with Django as backend, all of which demonstrate my ability to design tools with performance in mind, and ship working code.

I am a fast learner who love writing clean, efficient code and building tools. You can view my portfolio at kimhongmuong.com. I'm excited to join a professional team where I can learn, grow, contribute and 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. I look forward to hearing from you.

I am an Australian Permanent Resident and have full working rights.

Sincerely,

Kim Muong