

Mohamed Ali Belmokhtaria

portfolio-kaibelmo.vercel.app — github.com/KaiBelmo — belmomohamedali@gmail.com

EXPERIENCE

Open Source Developer

GitHub

2020 – Present

- [code-racer](#) (700+ stars): Implemented the code racer feature, the main functionality of the project.
- [actual](#) (23k+ stars): Improved the CSV parser and enhanced the transaction page UI on mobile.
- [Timeline Studio](#): Paid to fix critical bugs and improve functionality.

Software Engineer

Neusoft

May 2025 – Nov 2025

- Developed and optimized responsive front-end modules for an enterprise healthcare system using TypeScript and Vue, improving page render time by **25–30%** and ensuring consistent behavior across modern browsers.
- Built and maintained reusable component libraries with Element UI and Pinia, reducing duplicated UI code by **20%** and accelerating feature delivery across multiple modules.

Front End Developer

Pre-History

Nov 2022 – Apr 2023

- Worked as a front-end intern on a platform (bafundi.com) that creates resumes and matches them with the perfect company using Vue.js, Nuxt.js, TailwindCSS, Astro and Pinia
- Collaborated with designers and backend engineers to improve UX and reduce client-side load time for key flows.

Software Developer

Megadev

Apr 2021 – Sep 2021

- Built a file-sharing and management web application using ASP.NET, JavaScript, HTML and CSS.
- Designed and implemented a file-corruption detection algorithm for PDF/Word/PPT files to improve reliability of file-processing workflows.

PROJECTS (MORE PROJECTS ON GITHUB)

[VoidGen](#) | github.com/KaiBelmo/VoidGen

- Developed VoidGen, a configurable mock API server that instantly generates REST APIs from JSON for rapid prototyping and frontend development.

[Less Share](#) | github.com/KaiBelmo/LessShare

- Thesis project: full-stack P2P file-sharing platform using Vue.js and Express/Node.js, featuring a lightweight signaling server and real-time chat.

[B1M0-dbg](#) | github.com/KaiBelmo/b1m0-dbg

- Developed a Linux debugger from scratch with no external libraries to explore Linux internals and debugging mechanisms.

[My Personal Website \(Win-95 Style\)](#) | github.com/KaiBelmo/portfolio-win95

- Portfolio website inspired by Windows 95, built using Vue.js, TypeScript, Pinia, SASS, and Canvas.

ACHIEVEMENTS

- **Winner** — National Capture The Flag (CTF) Competition, ENSA Fes (2019).

- Discovered a low-level anti-debugging technique affecting GDB analysis ([proof of concept](#)) ([poc.c](#))

EDUCATION

Dalian Polytechnic University

Graduated with GPA 3.28/4.0

Bachelor of Computer Science

2025

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, C, Bash.

Front-End: React.js, Next.js, Vue.js, Nuxt.js, Astro, Tailwind CSS, Sass, CSS3.

Back-End: Node.js (Express), ASP.NET, RESTful APIs, WebSockets, Authentication, PostgreSQL, MongoDB.

DevOps & Tooling: Docker, Git, Vite, VS Code, Vim, Visual Studio.

Strengths: Performance Optimization, Component Architecture, API Design, Debugging, Open-Source Collaboration.