

# Mohamed Ali Belmokhtaria

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

## EXPERIENCE

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### 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)

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### VoidGen | [github.com/KaiBelmo/VoidGen](https://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](https://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](https://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](https://github.com/KaiBelmo/portfolio-win95)

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

## ACHIEVEMENTS

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- **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

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### Dalian Polytechnic University

Graduated with GPA 3.28/4.0

Bachelor of Computer Science

2025

## TECHNICAL SKILLS

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**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.