Kiera Belle

FULL STACK SOFTWARE ENGINEER

PROFESSIONAL SUMMARY

Self-taught developer experienced in launching innovative web apps with experience including full stack SaaS applications, AI integration, and developing complex project architectures. Passionate about solving real-world problems through technology.

Based in Surrey, UK • Open to onsite or remote roles

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Website:
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GitHub:
https://github.com/kieradev

SKILLS

Languages: TS, JS, Python • **Frameworks:** React, Bun, Vite, Express • **Cloud:** AWS, Vercel • **Tools:** Docker, Git
Technologies: SQL, Postgres, MongoDB, PWAs, Socket.io, OpenAI and Gemini language model APIs, CI/CD
AI & Data: Agentic workflows and MCP development. CUDA enabled model inference. Model fine-tuning and evaluation

EDUCATION

A-Levels | September 2023 - July 2025
Farnborough *Sixth Form*

- Courses and Predicted Grades: Computer Science (A*), Mathematics (A*), Further Mathematics (A*), Physics (A*)

GCSEs: 5 A*s, 4 A's, Including A* in Computer Science and Mathematics.

PROJECTS

MonitorThing - Founder
May 2025 - monitorthing.com - Building

- A developer-focused AI powered SaaS tool simplifying system monitoring, providing real-time insights, alerts, and analytics to reduce downtime and improve performance visibility.
- Developed a custom agentic AI to perform user actions as described through natural language and report back results.
- Front-end developed using React, TypeScript, Tailwind and Vite.
- Back-end developed using JS and the Bun Node JS runtime, utilising Supabase and Postgress for Auth and database. Built a custom Agentic AI in JS using OpenAI o3 as a base model. Integrated Stripe payments.
- Deployed on AWS EC2 and Lambda for monitoring nodes.

TranslationThing - Founder
February 2025 - translationthing.com - Scaling

- AI-driven translation service leveraging machine learning models (OpenAI, Gemini APIs and more) to deliver highly accurate, contextually-aware translations across multiple languages.
- Front-end developed using React, TS, Vite and Tailwind.
- Back-end deployed on Vercel serverless infrastructure. Written in TypeScript and leveraged Vercel's AI SDK for AI translation base models.

Pine - CEO, Co-Founder
2024-2025 - Pre-Seed Stage

- Co-founded a dating platform designed to disrupt traditional dating by emphasising slower-paced, highly accurate matches.
- As the technical lead for the back-end, I created an advanced AI matching engine which used thousands of attributes about user's and their images to recommend them their first match within 3 suggestions in over 97% of users.
- AI Matching engine developed in Python and leveraging CUDA for optimal performance.
- Back-end written in TypeScript and Deno runtime. Auth and DB on Supabase.
- Front-end written in React Native and Expo. Used Tailwind for styles.

Kiwe
2023-2025 - https://github.com/kieradev/kiwe

- A minimalist, Twitter-like social media app. Implemented AI with MCP which allowed users to search the site or get content recommendations using the assistant. Included PWA support for install as an app.
- Front-end developed using the Pug template engine.
- Back-end developed with Express and utilised MongoDB for storage.
  - Implemented Socket.io for realtime messaging and notifications.
  - Rolled my own auth including custom 2FA implementation with security practices such as hashing.
  - Trained custom ML classifier to add context to misleading posts and block unsafe content.

WORK EXPERIENCE

Two Point Studios - Farnborough
SEGA Owned Games Studio - 2023

- Shadowed developers to understand workflow practices, project management, and problem-solving techniques within a professional game development environment.
- Worked closely with the dev team, assisting in gameplay testing, bug tracking, and quality assurance tasks, ensuring smooth player experience and contributing directly to product polish.
- Enhanced skills in teamwork, debugging, and industry-standard software tools within a high-performance SEGA-owned game studio environment.

INTERESTS

Passionate about retro gaming and emulation, exploring classic titles and restoring vintage gaming consoles. Skilled at repairing electronics, regularly fixing and refurbishing smartphones and gadgets for myself and friends, blending problem-solving skills with a hands-on approach to technology.

REFERENCES

Available on request.