

Wojciech Bandzerewicz

Senior Full Stack Engineer

07356 2114 444 | wojciechbandzerewicz@thewb.uk | thewb.uk | LinkedIn | GitHub

Full Stack Engineer with a strong foundation in AI and cloud architecture, working across front end, back end and infrastructure. I lead product work end to end — from system design and data modelling through to shipping and observability — and I am at my best on complex, technically ambitious projects.

EXPERIENCE

Senior Full Stack Engineer · DRC

04/2025 - Present

- Principal contributor to a 3D floorplan editor used daily by production teams, authoring 52% of the live application source across client, server and shared packages.
- Designed and shipped an autonomous AI agent (Anthropic SDK, TypeScript) that interprets raw LiDAR point cloud scans and produces complete architectural floorplan annotations, automating the largest manual labour cost in production.
- Highest contributor to the upstream Java/Spring Boot capture service, writing JPA entities, REST controllers, service layers and integration tests ahead of the dedicated backend team.
- Authored 16 Flyway database migrations against MySQL, including new tables, schema extensions, cascade-delete constraints and a production data backfill.
- Delivered ~15 features end-to-end across two services and two languages — database migration, backend API, then frontend — including door tooling, floor management, comment threading and element locking.
- Built the production analytics platform (Mixpanel, CircleCI, SendGrid) and owned observability and release infrastructure via Sentry and staged AWS deployments.

Senior Front End Engineer · instillAI

10/2024 - 04/2025

- Led development of several products end-to-end, from system requirements and partner dependencies through implementation, testing and the configuration of metrics, alarms and dashboards.
- Acted as primary technical point of contact for clients, guiding them from onboarding through to successful production use.
- Partnered with internal teams to resolve client issues and manage expectations on project timelines and deliverables.

Full Stack Developer · Workfinder

03/2022 - 10/2024

- Developed a comprehensive job search platform using React and Django, improving user match accuracy with targeted opportunities.
- Integrated an intuitive user interface into products using Figma, JavaScript and Tailwind, enhancing interactivity and user satisfaction.
- Coordinated with QA to triage and prioritise reported issues, resulting in a 20% decrease in open issues.
- Worked alongside a team of 10+ engineers in an Agile environment using Jira for project management.
- Leveraged AWS services including EC2 and S3 for hosting, storage and scaling, ensuring high availability and performance.

Technical Client Manager · husssl

05/2022 - 10/2022

- Cultivated strong relationships with clients, including key stakeholders from Fortune 500 companies.
- Managed technical escalations and devised solutions using a range of debugging and problem-solving tools.

- Built and maintained websites and web applications to client specifications, advising clients on the best technical approach.
- Managed projects independently, including timelines, budgets and client communications.

- Developed and maintained websites and web applications, ensuring scalability, performance and security while optimising code for efficiency.
- Improved SEO and user conversion, including Google Analytics, increasing UK revenue by 21% in the first quarter.

SKILLS

Languages	TypeScript · JavaScript · Python · Java · SQL
Frameworks	React · Next.js · Three.js · Spring Boot · Django
Cloud & Tooling	AWS · Google Cloud · Docker · CircleCI · Git · Jira · CI/CD
Domains	Microservices · Distributed Systems · Full-Stack · AI Agents
Spoken	English, Polish — professional proficiency or above

EDUCATION

- Master in Artificial Intelligence
- Developed a custom LLM model for financial advice
- Won in-house AI hackathon with a team

PROJECTS

NEVERTHINK	iOS App Store
Published iOS app — internet TV of hand-picked YouTube channels with a lean-back player, personalised feed and subscription tier. Shipped under Rubber Ducky Labs Ltd.	
VIDEOHIGHLIGHTER	Open source
Local AI video analyser (Python, Ollama, Whisper, YOLO) that auto-generates highlight reels via scene, motion, audio and action detection. Offline alternative to Twelve Labs and Descript.	

AWARDS

Idea Factory	03/2023
Finalist, KCL Idea Factory 2023, with Codeflow.	
Final Year Project Award	06/2022
Best Final Year Project.	

CERTIFICATIONS

AWS Certified Developer – Associate	04/2023
Designing, deploying and maintaining applications on the AWS platform.	
Adobe Certified Professional in Visual Design	12/2022
Google Cloud Big Data and Machine Learning	03/2022

INTERESTS

- Travelling (32 countries and counting)
- Boulderling
- Photography