ANTONIO WEST

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PROFESSIONAL SUMMARY

Full-Stack AI Engineer with 3 years of experience shipping production-ready web applications and LLM-powered pipelines. Specialised in TypeScript, Next.js, PostgreSQL, and integrating OpenAI APIs to automate workflows and solve complex, real-world problems. Proven track record of architecting reliable, user-centric AI solutions with a focus on high availability and seamless UI/UX.

SKILLS

Languages: TypeScript, JavaScript, Python, SQL, Scala, HTML, CSS

Frameworks & Libraries: React, Next.js, Tailwind CSS, shadcn/ui, Framer Motion, Playwright, Spring Boot

Tools & Platforms: PostgreSQL, OpenAI API, Git, GitHub, GitLab, Azure, Vercel, pdfjs-dist, mammoth

EXPERIENCE

Contract AI Engineer
10/2025 – Current

Be Act Change – London

- Led the end-to-end development of the PITCH coaching PWA (Next.js/TypeScript), delivering a highly responsive, multi-stage onboarding flow.
- Engineered a complex 23-step dynamic onboarding flow with localStorage persistence, ensuring zero data loss during user session drop-offs.
- Integrated GPT-4/4o APIs with strict prompt engineering and banlist constraints, achieving highly formatted, production-ready AI outputs with automated error-recovery and regeneration.
- Built a document parsing pipeline using pdfjs-dist and mammoth, completely eliminating manual data entry by automatically extracting text from PDF/DOCX uploads to enrich AI personalisation.
- Delivered intuitive chat assistant workflows with persisted history, leveraging shadcn/ui, Tailwind, and Framer Motion for a premium user experience.

Contract Software Developer
05/2025 – Current

Alive Industries – London

- Enhanced ChatSDK by architecting an LLM-powered meeting summarisation pipeline using TypeScript, Next.js, and PostgreSQL.
- Integrated Whereby recordings with a multi-provider summarisation layer to reliably generate structured summaries and action items.
- Architected a robust background processing system with caching and real-time polling, ensuring high availability and fault tolerance for real-time transcript handling.
- Built the Meeting Summary Dashboard UI (shadcn/ui, Tailwind, Framer Motion) to effectively present participant insights and metadata.
- Designed scalable PostgreSQL schemas using Drizzle ORM and maintained strict code quality standards via TypeScript and Biome.

QA Engineer
05/2024 – 11/2025

Sports Information Services – Milton Keynes

- Initiated automation of QA workflows in Jira, including test plan creation and execution management, significantly enhancing team productivity and process consistency.
- Developed foundational automation suites in Playwright and Spring Boot to automate sports scheduling functionality tests, reducing manual testing workload.
- Performed complex database checks and file reviews to ensure strict data integrity and support testing requirements.

Software Engineer
07/2023 – 03/2024

7th Century Music Group – London

- Led critical database migration to GitLab, securely moving the existing project repository within one day and enhancing data integrity.
- Launched and supervised robust CI/CD pipelines using Bash and Git to streamline deployments.
- Restored an inoperative admin platform, independently resolving 90% of errors related to outdated dependencies.
- Modernised legacy software by migrating from React to Craco, enhancing performance and ensuring reliable remote server connections.

EDUCATION & TRAINING

Microsoft Azure Data Engineer Bootcamp
08/2023 – 03/2024

Firebrand Training – London

- Designed and managed data solutions on Azure, gaining practical skills in ETL processes, data warehousing, and SQL/PySpark.
- Certifications: AZ-900 Azure Fundamentals, DP-900 Data Fundamentals.

Delegate (Prize Winner)
06/2023 – 07/2023

BT x Aleto – London

- Won the program out of 80+ participants by pitching a compelling AI-based MedTech healthcare solution.

Bachelor of Business Management Accounting
06/2022

Royal Holloway University of London – Egham

BTEC: Computing
09/2017 – 09/2019

Ark Burlington Danes Academy – London

- Grades: Distinction*, Distinction*, Distinction.