

GABRIEL PEREIRA • SOFTWARE ENGINEER, DEVELOPER.

gabbipereira03@gmail.com • Phone: +447753187713 • London.

[linkedin Profile](#) • [Github](#), 39+ Projects • [Portfolio website](#).

Results-driven **Full-Stack Developer & DevOps Engineer** with expertise in **JavaScript, Python, Django, React, and cloud infrastructure**. Skilled in **building and deploying scalable applications**, optimising **CI/CD pipelines**, and implementing **automation solutions** to enhance system performance and reliability. Experienced in **container orchestration (Docker, Kubernetes)**, cloud-based architectures, and **end-to-end software development**. Passionate about designing efficient, high-performance solutions that drive **business growth and operational excellence**.

3 FULL-STACK PROJECTS

DocEcho • Dec 2024 - PDF-to-Speech/Translation Web Application (Python, Flask, PostgreSQL)

This app lets users upload PDFs, translate them into multiple languages, and convert them into audio files using a credit-based system. Built with **Flask** and **PostgreSQL**, it features secure **authentication**, **Stripe payment** integration, and support for multiple languages via the **Google Translate API**. PDF text extraction (**PyPDF2**) and audio generation (**gTTS, pydub**) ensure smooth processing, while deployment on **Render.com** with persistent storage guarantees reliability. With asynchronous task handling, progress tracking, and customisable pricing, the app offers a seamless translation and text-to-speech experience.

MemoMingle • May 2024 • Note-Taking Application (HTML, CSS, JavaScript, Python, Auth)

MemoMingle is a note-taking app for creating, editing, and organising notes with tags and search functionality. Built with **Flask, MongoDB**, and **JavaScript**, it features user **authentication**, secure note management (CRUD), and real-time operations. Deployed on **Vercel**.

Family Hub • Oct 2024 - Family Management Application (JavaScript, Node.js, MongoDB, HTML, CSS)

Family Hub is a user-friendly app designed to simplify family organisation. It features a genealogical tree builder, a calendar for tracking important dates, and a blog for sharing family news and updates. Built with **HTML5, CSS3**, and **JavaScript**, the responsive design ensures seamless use across devices. Powered by **Node.js, Express.js**, and **MongoDB**, the app offers secure data management and role-based authentication. Deployed on **render.com** Family Hub combines scalability, interactivity, and intuitive features to streamline family connections in a modern engaging way.

TOP 2 SOFTWARE CREDENTIALS

Diploma In Full Stack Software Development • Code Institute (Distinction)

650 Hours Study with 5 Projects Including Javascript, Flask, Django, Python, Sql, React, Node.Js Jest, Playwright
• *Credit Rated By Bristol College* • Started Jan 2023, graduated May 2024.

100 Days of code : The complete Python pro Bootcamp. Web scraping, pandas, Numpy, Plotly

Demonstrated Expertise In Python, Rest API through, 80 hrs Study,
Nov 2024

Experienced in full-stack development, cloud automation, and infrastructure scalability, specialising in CI/CD pipeline automation, DevOps best practices, and performance optimisation. Proficient in backend frameworks (Django, Flask, FastAPI, Node.js), database management (PostgreSQL, MongoDB, SQLite), and authentication systems (OAuth, JWT, Firebase Auth, Flask-Login). Adept in containerisation (Docker, Kubernetes), API integrations (REST, GraphQL, WebSockets), and frontend technologies (React, Next.js, TypeScript, Tailwind CSS, HTML5, CSS3). Strong focus on system security, high-availability architecture, and cloud-based solutions (AWS, GCP, Netlify, Render.com). Committed to streamlining software deployment, optimising system performance, and enhancing automation workflows for scalable, high-performance applications.

For all frontend and backend projects, credentials and full work experience, [GabrielPereiraWebsite](#)