

# Mathew Kennedy

SOFTWARE ENGINEER

Software engineer with 3+ years of expertise in building dynamic web applications using both traditional and cutting-edge technologies.

Skilled in frontend and backend, DevOps practices, and database management. Creative and enthusiastic for crafting efficient, scalable and user-first solutions.

↗ [LINKEDIN](#)

↗ [WEBSITE](#)

↗ [GITHUB](#)

## PROFESSIONAL EXPERIENCE

JULY 2024 - PRESENT

### Software Engineer

Independent Contractor  
Remote, UK

- Completed full financial features for my previous employer TAB
- Developed full-stack projects as an independent contractor
- Developed a design lead portfolio working from the client's Figma designs and implemented feedback. Developed a final product with a backend to allow its users to add and edit creative projects with custom typography and grids. Optimised images and videos as per core web vitals and trained the end-user on the backend.

Next.js • Laravel • Node.js • MySQL • AWS • nginx • Docker • Figma

JUNE 2023 - JULY 2024

### Software Engineer

TAB HQ - Property Finance Solutions  
Hertfordshire, UK

- Developed and maintained financial dashboards
- Developed fractional ownership exchange on the website
- Designed RESTful APIs and integrated third-party services
- Worked in CI/CD pipelines using Docker
- Developed Python scripts to automate work
- Collaborated with several teams to deliver high-quality products

Laravel • jQuery • Node.js • Express.js • Python • MySQL • Docker

JUNE 2023 - PRESENT

### Software Engineer

Self-employed - Nov3l Decentralised Fiction Library  
Remote, UK

- Developing my business idea: a Web3 decentralised fiction library
- Developed a full-stack application that allows users to upload fiction and receive NFTs to prove ownership
- Wrote smart contracts in Solidity and deployed via Thirdweb to allow users to fund the work of others with Ethereum
- Developed API to integrate IPFS for decentralised storage
- Completed and deployed the application to the Sepolia testnet
- Currently working with professional designer to rebrand the application before deploying it to the Ethereum Mainnet

React • Thirdweb • Solidity • IPFS • AWS • nginx • Figma

JANUARY 2019 - APRIL 2022

### Administration Lead

AT Medics  
London, UK

- Lead a team of 10 in a GP surgery
- Software training for new starters
- Completed medical reports assuring GDPR compliance for public and private entities across the health sector

GDPR • EMIS • Office • Management

## TECHNICAL SKILLS

### Programming Languages

C# • JavaScript • Python • PHP • Solidity (basic)

### Front-End Technologies

HTML • CSS • JavaScript • React • Next.js • Laravel

### Back-End Technologies

Node.js • Express.js • Laravel

### Databases

PostgreSQL • MySQL • MongoDB • GraphQL

### DevOps Tools

Docker • CI/CD

### Other Tools/Technologies

Git • AWS • Linux • Linux CLI • RESTful APIs

## REFERENCES

### Upon Request

mathewpaulkennedy@gmail.com

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## EDUCATIONAL BACKGROUND

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JANUARY 2022 - JUNE 2023

### Software Engineering

IT Careers Switch

London, UK

- Full-Stack Engineering, C#, Java, Python, Javascript, jQuery, CSS
- Collaborated in group projects using Github
- Completed two jobs to specification including wireframing, testing upon completion, and implementing feedback

**HTML** • **CSS** • **JavaScript** • **jQuery** • **Git** • **CLI** • **C#** • **Java** • **Python**

SEPTEMBER 2008 - JULY 2011

### BA Honours in Film

Sheffield Hallam University

London, UK

- Specialised in camera operation and editing
- Professional understanding of cameras, images, and editing
- Audio visual projects, personal, professional and competitions

**Premiere** • **Photoshop** • **After Effects** • **Illustrator**

SEPTEMBER 2006 - JULY 2008

### BTEC in Computer Science

National Diploma

Wakefield College, UK

- Built and maintained computers
- Completed projects and coursework on networking hardware
- Completed projects and coursework on networking software
- Completed software projects using visual basic
- Designed and built databases

**Visual Basic** • **SQL** • **Hardware** • **Networking** • **Office**

## CERTIFICATIONS

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### Codecademy

- Full-Stack Engineering Career Path
- Learn C# Course
- Learn Java Course
- Learn Python 3 Course
- Learn PHP Course
- Learn jQuery Course
- Learn CSS Course

## INTERESTS

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### Computer Science

Hardware • Building Computers • Electronics • Networking

### Maths & Physics

Self-taught Maths & Physics • Neural Networks • Finance

### 3D

Unreal Engine • Cinema 4D • Graphics • Game Design