

I am a Polyglot developer with over 5 years of experience building backend, frontend, and API systems, adaptable across industries and always eager to learn new technologies

Technologies and Languages

- Languages: JavaScript, TypeScript, C++, Python, Rust, Solidity
- Frameworks: React, Next.js, Redux, HardHat, Ether.js
- Technologies: MySQL, Postgres, GCloud, Git, Terraform, Docker, MongoDB, Figma
- Other: Data structures and algorithms, SOLID Principles, Clean Code

Work Experience

Full Stack Developer

CommerceBlock

June 2021 - Present

Blockchain startup

- Contributed to the successful exit of a startup while working remotely with a high degree of autonomy
- Built a Bitcoin based wallet interface using React and Electron, ensuring cross-platform compatibility
- Developed and maintained front-end applications using React, JavaScript and Next.js
- Designed and implemented responsive GUIs, enhancing user experience
- Developed the mobile version of the wallet using Capacitor and Figma
- Contributed to the products website redesign using Next.js
- Integrated APIs into front-end applications and optimized them for usability
- Worked on open-source blockchain projects, including contributions to the Lightning VLS team
- Created a WASM client in Rust to integrate with a React-based interface
- Setup CI/CD Workflows, wrote unit tests and implemented integration tests
- Managed databases performing tasks such as maintenance, data recovery, and optimization
- Recovered critical bitcoin funds from crashed Lightning Nodes and restored them
- Peer reviewed code and suggested improvements to fellow developers
- Deployed entire Infra using Terraform and General DevOps using GCloud
- Gained extensive knowledge of Bitcoin, Lightning Network, and related cryptocurrency technologies

Software Developer

Global Aerospace

2018 - 2019

IT Projects team

London, UK

- Modernized internal tools with React, updating outdated C#.NET WPF GUIs into clean, user-friendly designs for underwriters
- Rewrote a critical script, enabling 100+ co-workers to connect reliably to the company portal
- Developed a new ASP.NET REST Web API, replacing inefficient direct database calls to enhance application performance
- Used TensorFlow and Python to train a model for categorizing PDFs by type
- Built and deployed code daily for nightly and development environments, ensuring production readiness
- Attended user support tickets, troubleshooting and resolving queries in a timely manner

Education and Certifications

- **BSc Computer Science (1st)**, Queen Mary University of London, UK

2016 – 2020

Projects

- Crypto API (Nov 2024)- Bitcoin aggregate API between multiple exchanges, Modern API design principles and concepts. Concepts include Caching and Content Negotiation
- Automation dashboard (Dec 2020- Mar 2021). Tracking of automation tasks. MongoDB, Express, React, NodeJS
- Google clone (April 2021). React, NodeJS, Firebase
- FPS Game (May 2020). A simple fps game built in Unity. C#, Unity Engine
- Shop store (Oct 2020 – Nov 2020). E-commerce store to buy and sell items with admin panel. MongoDB, Express, React, NodeJS
- Amazon clone (Jun 2020 – Aug 2020). React, NodeJS, Firebase
- Game Connector (May 2020 - Jun 2020). Ask a chat bot about which computer specs is needed to play a game. MongoDB, Express, React, NodeJS
- Auction site (2019). A web app to buy and auction for items. Python, Django, MongoDB
- Fitness app (2018). Tracking fitness goals. Java JavaFX
- Barber shop (2017). System for barber shop employees to take in online haircut orders. Java, MVC, JavaFX, php, MySQL

Interests

- Attending Hackathons/Game Jams/Events
- Leetcode/HackerRank
- Reading/Gym

References

- Available on request