

Fareedh Yawe

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Personal Profile

Technology Developer at **EPG Energy (London)**, building, maintaining, and delivering **production .NET systems** within a complex and highly regulated energy environment. I work across **VB.NET/.NET, APIs, SQL Server**, backend services, and legacy applications, taking ownership of features from investigation through development, testing, and release.

My current work supports the industry's transition to **Market-wide Half-Hourly Settlement (MHHS)**, where I work across interconnected systems and complex data flows to deliver reliable production changes. Taking ownership of significant projects early in my role has strengthened my confidence in solving unfamiliar problems and making technical decisions independently.

I focus on writing **maintainable, well-tested software**, taking ownership of outcomes, and communicating technical work clearly across technical and non-technical teams. I do not require visa sponsorship to work in the UK.

Skills

Languages	C#, VB.NET, Python, Java, JavaScript, C/C++; Object-Oriented Programming
Microsoft & .NET	.NET Framework, WinForms, LINQ, DLLs & assemblies, dependency management, backend services
Databases	SQL Server, PostgreSQL, MySQL; stored procedures, data modelling, querying & debugging
Testing & Quality	Unit Testing, Integration Testing, TDD (Test Driven Development), debugging, regression testing, code reviews
Back-End & APIs	Django, Node.js, Express; REST API design & integration
Cloud & Tooling	AWS, Azure, Git, Linux, Windows
Web/GUI	React, React Native (Expo), HTML/CSS
Engineering	Production delivery, legacy codebases, debugging, feature ownership, Agile/Scrum, technical documentation

Experience

EPG Energy

London, UK

Technology Developer

Dec 2025 – Present

- Develop, maintain, and deliver **production .NET applications** using **VB.NET/.NET Framework, SQL Server, APIs**, and backend services within the highly regulated UK energy industry.
- Support major development work for the transition to **Market-wide Half-Hourly Settlement (MHHS)**, working across complex industry flows, data mappings, validation rules, and interconnected internal systems.
- Take ownership of significant features and technical problems from investigation through implementation, testing, staging, and production release.
- Diagnose complex issues across **legacy .NET codebases**, application logic, stored procedures, DLL dependencies, and system integrations to identify root causes and deliver maintainable fixes.
- Build and enhance automated processing around market flows, including validation, flow creation, trigger-based actions, API integrations, and updates across customer and market data systems.
- Improve release confidence through **unit testing**, regression testing, structured debugging, and validation across development and staging environments.

Kraken Technologies (Octopus Energy)

London, UK

Backend Engineer Intern

Jul 2023 – Aug 2023

- Designed and shipped a production **SMS handling pipeline** in **Python/Django** on **AWS** (API Gateway → SQS → Lambda) for reliable processing during application downtime.
- Developed using **TDD (Test Driven Development)** with unit and integration testing, participated in code reviews and pair programming, and documented technical decisions for maintainability.
- Worked within an **Agile/Scrum** engineering team using Git-based workflows and incremental production releases.

Independent Software Engineering

Remote

Self-Initiated Learning & Development

2022 – Present

- Continuously expand my software engineering knowledge through documentation, tutorials, and hands-on projects, with current focus areas including **.NET, Azure**, cloud development, and modern engineering practices.
- Keep up with developments in **AI-assisted software engineering**, exploring tools such as **Claude** and **Codex** and learning how they can support debugging, code understanding, development workflows, and productivity.
- Previously completed the **CodeYourFuture** Web Development programme, building **Node.js/Express REST APIs, PostgreSQL**, and React applications while working collaboratively in Agile sprints.
- Continue strengthening problem-solving and technical depth through personal projects, experimentation, and targeted learning alongside professional development work.

Education

University of Glasgow

BSc (Hons) Computer Science – 2:1

Glasgow, UK

Sep 2020 – Jun 2024

- Member of the Glasgow University Tech Society (**GUTS**).
- Mentored **1st year students**, helping them break programming tasks into manageable steps, understand **object-oriented programming**, use debugging tools effectively, and providing feedback on lab assignments and code.
- **Relevant Courses:**
 - **Software Engineering:** Startup and Growth Engineering, Secured Software Engineering, Professional Skills and Issues
 - **Artificial Intelligence:** Artificial Intelligence, Natural Language Processing, Knowledge Representation and Reasoning
 - **Programming:** Java Programming, Object-Oriented Programming, Programming Languages, Systems Programming
 - **Data and Databases:** Data Fundamentals, Database Systems
 - **Systems:** Operating Systems, Networks and Operating Systems, Algorithms 1, Algorithms 2
 - **Web and Mobile:** Web Application Development, Mobile HCI

Projects

SMS Handling System

Kraken Technologies (Octopus

Energy)

Developer

Jul 2023 – Sep 2023

- Designed and implemented a production **SMS pipeline** on **AWS** (**API Gateway** → **SQS** → **Lambda**) in **Python/Django** to ensure reliable processing during application downtime.
- Practiced **TDD (Test-Driven Development)** with unit/integration tests, wrote clear documentation, and delivered iteratively in **Agile/Scrum** with code reviews and pair programming.

Laptop Loop

Techroots / CodeYourFuture

Developer

Feb 2022 – Dec 2022

- Built REST endpoints in **Node.js/Express** with **PostgreSQL** for a React front end; translated stakeholder needs into scoped tasks and increments.
- Worked in **Agile** sprints (retrospectives, Trello/Miro); tested features for clarity, maintainability, and reliability; presented to **Barclays**.
- Source (GitLab)

Fibro Track

University of Glasgow

Developer

Sep 2023 – Mar 2024

- Developed a mobile MVP using **Expo/React Native** with **Firebase Auth** and **Firestore (NoSQL)**; iterated from requirements and user feedback.
- Documented decisions and focused on a maintainable, testable feature set to support reliable UX.
- Source (GitHub)

Radar Project

University of Glasgow

Developer

Jan 2022 – May 2022

- Built a web app with **Django/MySQL** including authentication and content posting; added interactive features with Ajax/jQuery.
- Deployed online and maintained via **GitHub** workflows.
- Source (GitHub) | Live Demo

References available upon request.