

Freeman Madudili

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EXPERIENCE

Technical Operations Associate (Gaming Sector)

Hippodrome Casino
London

August 2023 - Present

- Ensured compliance with gaming regulations by facilitating table games and providing accurate real-time data monitoring to maintain game integrity.
- Collaborated with teams to optimize gaming operations and processes, leveraging insights from technical teamwork to improve operational efficiency.
- Gained the Personal Functional License from the Gambling Commission after completing specialized training, applying technical precision to ensure regulatory compliance.

Full Stack .NET Developer

Freelance
London

February 2023 - Present

- Developed scalable cloud-first applications using .NET Core, C#, and Microsoft Azure, ensuring robust performance and high availability.
- Integrated AI technologies into web applications to enhance functionality and user experience, using machine learning models to provide actionable insights.
- Designed and optimized responsive web interfaces with React.js and Vue.js, reducing load times by 25% and improving user engagement.
- Built and deployed a real-time AI-enhanced data visualization web app, improving trading strategy accuracy for forex traders through actionable insights.
- Engineered a Linear Regression model with Python, Pandas, and Scikit-learn, boosting project cost estimation accuracy by 45%, leading to better budgeting decisions.
- Collaborated within an agile team to develop large-scale cloud-based applications and microservices, following best coding practices like TDD (Test-Driven Development) and CI/CD pipelines.
- Deployed cloud-based solutions on Digital Ocean, reducing server downtime by 30% and saving clients \$500 annually by optimizing resource usage.

Mid-Level Frontend Developer

Pay4Me, Inc.

January 2022 - February
2023

Boise, Idaho, United States

- Developed responsive, user-friendly web interfaces using Vue.js, React.js, and Tailwind CSS, improving user experience across different platforms.
- Processed over \$500,000 in transactions and onboarded 20 institutions across the UK, US, and Canada, by enhancing the Pay4Me application with custom payment options for educational institutions.
- Integrated RESTful APIs to improve application performance, making the app more responsive and user-friendly for a growing user base.
- Collaborated closely with cross-functional teams to build and customize CRM systems, automating

workflows and integrating third-party APIs to improve client satisfaction and operational efficiency.

- Led code reviews to ensure code quality, optimize performance, and follow best coding practices, increasing system reliability by 15%.

SKILLS

Languages: C#, JavaScript (ES6+), Python, SQL, HTML5, CSS3, LINQ

Frameworks: .NET Core, ASP.NET, React.js, Vue.js, Angular, Tailwind CSS

APIs & Web Services: RESTful APIs, Web API, GraphQL

Cloud Platforms: Azure (App Services, Azure Functions, Azure SQL Database, Serverless Architecture), AWS, DigitalOcean

Database Management: SQL Server, MySQL, PostgreSQL, NoSQL (MongoDB)

Version Control & CI/CD: Git, GitHub, Azure DevOps, Jenkins, Docker, Kubernetes, TFS

Development Practices: Agile (Scrum, Kanban), Test-Driven Development (TDD), Continuous Integration/Continuous Deployment (CI/CD), Pair Programming, Code Reviews

Frontend Technologies: React.js, Angular, Vue.js, Tailwind CSS

Project Management Tools: Jira, Trello, Cross-Functional Collaboration

Other Tools: Visual Studio, VS Code, Postman, Figma, GitHub Actions, Azure CLI

EDUCATION

Bachelor of Science in Information Technology

Middlesex University • London, UK • 2023 • First Class Honours

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals

Microsoft • July 2024

BTEC Level 3 Advanced Diploma in Software Engineering (ADSE).

APTECH Computer Education • 2020