Matthew Wigglesworth | Software Engineer

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About

I am a software engineer originating from England with over five years of experience in full-stack development and digital technology leadership. I excel at taking projects from conception to deployment with a strong focus on user-centered design and scalable architecture. My current role involves leading an engineering team at Heartland Financial, Inc., where we develop customer and employee-facing applications with technologies such as Salesforce, Q2, Azure, OpenAI Services, and more.

When I'm not coding, I enjoy camping, surfing, playing video games, and watching football 🏈.

Active Interests
- Estoy tratando de aprender español
- Azure AI Services & Embeddings
- Next.js 14 & Server Actions
- Web 3.0

Skills

Programming Languages
- JavaScript, TypeScript, Python, Apex/Java, HTML5, CSS3, SQL, Bash, Markdown

Frameworks & Libraries
- React, Next.js, Node.js, Express, Flask, Jupyter, Salesforce Lightning, SFDX, Tailwind CSS

Databases
- PostgreSQL, MySQL, MongoDB, Redis, Solana & Tezos Ledgers

Tools & Platforms
- GitHub, Docker, Jenkins, AWS, Azure, Vercel, Salesforce, Atlassian, Shopify, Adobe

Development Practices

- Agile, CI/CD, TDD, OOP, SOA

Experience

HTLF

Software Engineer, Digital Technology Supervisor AVP
Nov 2021 - Present
Lead a dynamic engineering team to design, develop, and deploy modern, user-centric apps. Oversee the entire SDLC from research to monitoring. Champion organizational agile methodologies. Establish CI/CD pipelines and workflows. Manage project and product finances, recruitment, vendors, security, and compliance. Foster collaborative relationships with stakeholders and executives. Consult on digital trends, opportunities, and implementation best practices.

Frontend Engineer
May 2021 - Nov 2021
Collaborated on front-end development with Salesforce, React.js, and Azure services, ensuring robust code quality, CI/CD, and industry compliance. Developed API integrations with custom REST/SOAP endpoints and worked on Salesforce Experience sites using Salesforce Lightning.

Freelance Work

Between The Heights Productions
Freelance Software Engineer
Feb 2023
Designed a responsive and performant videographer portfolio using Next.js and Tailwind, with Vercel deployments for GitHub CI/CD.

Hillsborough Steelstock Ltd
Freelance Software Engineer
Nov 2020 - Mar 2021
Developed a full-stack web app for national client management and Sage order tracking using React.js, MongoDB, and AWS.

Additional Projects

Software Engineering Applications
Freelance
Soccer Stats (Aug 2020 - Sep 2020)
Engineered a React.js application to track international soccer team statistics.

Homeland Market
E-commerce Microservice Developer
Jul 2020 - Sep 2020
Developed a microservice for product reviews and ratings.

Wandrr
Full-Stack Developer
Jul 2020 - Sep 2020
Optimized a hostel booking service's image carousel.

Prior Experience

Firespares
Director of Ecommerce
Sep 2016 - Dec 2019

Sales & Marketing Specialist
Sep 2013 - Dec 2019

SEGA Europe
Quality Assurance Tester
Feb 2011 - Oct 2011

Projects

Professional
- **Salesforce Experience Site Support Centers**: Integrated SAML 2.0 SSO with Q2 Online Banking & Salesforce Service Console
- **Human Resources Generation Application**: Leveraged Azure OpenAI Services & Next.js for HR document automation
- **Discover Subdomain Bank Websites**: Enabled targeted customer engagement through Salesforce Marketing Cloud & Vercel

Personal
- **Personal Website** (mattwigg.com): A portfolio and blog platform (in progress)
- **OpenAI-Enabled Chatbot** (matt-gpt-chat-completions): A smart chatbot using OpenAI's API
- **Soccer Stats** (soccer-stats): A platform for tracking soccer team statistics
- **Homeland Market Ratings & Reviews** (ratings-and-reviews): A review and rating microservice for e-commerce

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Education

Hack Reactor

Advanced Software Engineering Immersive Program
2020

University of the Arts London

Foundation Degree in Communication and Graphic Design
2008 - 2010

The Sheffield College

BTEC National Diploma in Art and Design
2006 - 2008

References

Linkedin or available upon request.