

Matthew Doyle

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ABOUT ME

Passionate Software Developer with a strong foundation in test-driven development, object-oriented programming, and full-stack development. I bring a unique blend of technical expertise and customer-centric skills from previous careers in education, tech retail, and recruitment. I am eager to leverage my problem-solving abilities and communication prowess to develop impactful software solutions.

LEARNING NOW / LEARNING NEXT

Currently learning:

Vim to enhance usability / PHP to work more seamlessly with a wordpress project / to improve my fundamentals with TypeScript and Python / integrating more use of databases in projects

Wanting to next learn/improve: My (really basic) Korean skills / mouseless navigation / typing speed

TECHNICAL SKILLS

- **Languages:** TypeScript, Go, Python, Swift, SQL, JavaScript
- **Frameworks:** Next.js, React.js, Gin, SvelteKit, Express, Flask
- **Development:** Test Driven Development (TDD), Object-Oriented Programming (OOP), Pair Programming
- **Methodologies:** Agile, Scrum, Kanban
- **Tools:** Git, GitHub, Docker, SQL, CSS, Tailwind CSS
- **Soft Skills:** Public Speaking, Presenting, Stakeholder Management

PROJECTS

Data Migration Project - Contract work for Makers

Tech Stack: *Python, SQL*

- Object Oriented Designed scripts to handle renaming and conversion
- 1000's of files processed and migrated in a fraction of the time
- Utilising Python and SQL to efficiently assimilate mountains of data

Headless CMS Website - Portfolio website for Theatre Director

Tech Stack & [GitHub](#): *Wordpress CMS | Frontend: TypeScript, Next.js/React*

- Utilises existing wordpress client, to migrate site data to bespoke frontend
- Tailwind for styling, leveraging libraries such as Framer and Flowbite
- Extending wordpress functionality by utilising ACFs (advanced custom fields)

Cassandra - A Tarot Card Reading web app

Tech Stack & [GitHub](#): *Backend: Go, Gin | Frontend: SvelteKit, CSS*

- Deals 3 random cards and gives a ChatGPT-leveraged reading
- Achieved 83% test coverage.
- Learnt new frontend framework (SvelteKit) and implemented it in one week

Marathons Parser - Web App for Parsing JSON to CSV

Tech Stack & [GitHub](#): *TypeScript, React, Express, Next.js, Tailwind CSS*

- Parses JSON data, sorts results by racer rank or bib number, and exports to CSV.
- Designed for scalability with separated frontend and backend.
- Comprehensive test coverage for both frontend and backend.

EXPERIENCE

Makers Tech, London, UK

Data Migration/Software Engineer (Contract)

Oct 2024 - Present

- Utilised Python & SQL to create programs that drastically reduced migration time.
- Toolkit development to help subsequent colleagues.
- Chosen for the role from the bootcamp due to noticeable improvement and hard work ethic.

Specialised Group, Tokyo, Japan

Consultant

Sept 2022 – Oct 2023

- Led daily client meetings and coordinated interactions with diverse candidates.
- Utilised strong communication, negotiation, stakeholder management abilities.
- Managed multiple candidates and clients in various technical sectors.

ACHIEVEMENTS & VOLUNTEERING

Harmony Hackathon, London, UK

June 2024

- **Placed first** by implementing multilingual support (ITA, GER, SPA, FRA) for a research application, enhancing mental health questionnaire analysis.

Dragon Hall Trust, London, UK

- Coaching young people at a coding club in Covent Garden, introducing them to basic concepts in coding in a fun way

TEACHING

Kings Education, Seoul, South Korea

Lead Teacher

July 2020 – August 2022

English Corner Language School, Tokyo, Japan

Teacher

Feb 2017 – June 2019

EPIK, Busan, South Korea

Guest English Teacher

Sept 2015 – Feb 2017

EDUCATION

Makers Tech

Software Development Track, Jan 2024 - May 2024

- 16-week intensive bootcamp, focusing on Python, Go, JavaScript, Git, Swift.
- Practised test-driven development (TDD) and object-oriented programming.
- Enhanced pair programming skills through regular collaborative exercises.
- Worked in Agile scrum environments to improve, extend, and debug legacy code.

University of York

MA Applied Linguistics for Language Teaching, Merit, 2019-2020

Brunel University

BA English Literature, Film and Television, 2010-2013

LANGUAGES & INTERESTS

- **Languages:** Japanese (Conversational), Korean (Basic)
- **Interests:** Weightlifting, Running (doing the Royal Parks Half Oct. 13th), Basketball (76ers fan), Snowboarding, Hiking, Climbing, Avid Film Enthusiast (Bill & Ted is a favourite film), Music Lover (Bloc Party a classic favourite band, into Metal and many of its subgenres)