

# Matthew Rayner

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## PROFILE

Full-stack software developer with a background in linguistics and hands-on experience building production-grade web applications. Proven ability to design and deploy scalable internal tools (React, Django, PostgreSQL), with strong skills in API integration, data visualization, and automation. Passionate about intuitive UIs, clean architecture, and lifelong learning.

## PROJECTS

### Sales Dashboard, Bread By Bike

2025

- Designed & built a full-stack app (React + Django + PostgreSQL) for live sales monitoring using the Square and Shopify APIs.
- Migrated from SQLite to PostgreSQL, built production-ready deployment pipelines for both frontend and backend.
- Created secure login/auth logic with role-based access and session expiration.
- Developed responsive, modern frontend charts using TailwindCSS, Chart.js, and custom utility logic.

### Website Revamp, Bread By Bike

2024 - Present

- Designed and deployed new mobile-responsive landing pages, integrating Shopify.
- Connected frontend to backend CMS via RESTful API for real-time updates.

### Personal Developer Portfolio

2024 - Present

- Created a minimalist, mobile-friendly site using HTML/CSS/JS.
- Showcases projects, source code, and multilingual/literary interests.
- Focus on clarity, accessibility, and narrative.

## SKILLS

### Languages & Frameworks:

Python, JavaScript (ES6+),  
HTML5, CSS3, React, Django, SQL

### Tools & DevOps:

Git, GitHub, Docker,  
TailwindCSS, REST APIs,  
PostgreSQL

### Data & Visualization:

Pandas, NumPy, Matplotlib,  
Django ORM, Chart.js

### Soft Skills:

Project Ownership, UI/UX Design  
Fundamentals, Agile  
Development

## LANGUAGES

English (Native)

Afrikaans (Advanced)

Japanese (Advanced)

Turkish (Intermediate)

German (Advanced)

Middle Egyptian (Hieroglyphs &  
Hieratic) (Intermediate Reading)

Ancient Greek (Beginner)

## EXPERIENCE

### **Bread By Bike, London— *Internal Software Developer & Ops Supervisor***

March 2022 - Current

- Oversaw day-to-day operations and a growing team at a £1m+ turnover bakery.
- Introduced internal software tools and dashboards to improve reporting, forecasting, and scheduling.
- Spearheaded automation initiatives and digital system integration to assist owners in scaling operations.

### **Japes, London— *Waiter***

July 2021 – December 2021

- Gained first-hand experience in high-volume customer service in Soho.

## EDUCATION

### **Birkbeck, University of London, Student**

2019-2022

BA (Hons) Linguistics and Japanese

- Focus on Computational Linguistics and Neurolinguistics
- Dissertation: *The Use and Relevance of English in Japanese Music (1970–2020)*

### **City Lit, Student**

October 2022 - Current

- Middle Egyptian, Attic Greek, Old Persian Cuneiform

## TECHNICAL INTERESTS

NLP

Software for cultural heritage

Data-driven automation

## PERSONAL INTERESTS

Software & Automation

Ancient Languages & History

Classical & Folk Guitar