

MARK CHIPPERFIELD

Junior Full-Stack Software Developer

Bridport, Dorset

github.com/MarkChips | linkedin.com/in/mark-chipperfield-developer/

Full-stack developer with expertise in HTML, CSS, JavaScript, and Python. PCEP-certified Python developer. Code Institute graduate with hackathon experience and a focus on responsive front-end development. 6 years in e-commerce, coupled with hardware knowledge. Customer-oriented problem-solver with a passion for efficient, clean code and rapid learning.

SKILLS

Programming Languages:	Python, JavaScript, TypeScript, C#, HTML, CSS
Frameworks:	Django, Next.js, SvelteKit, Bootstrap, TailwindCSS
Libraries:	Node.js, Playwright, React.js
Tools / Platforms:	Lucidchart, MS Office, Git, VS Code, GitHub, Heroku, Vercel, Balsamiq, Blocs
Databases / Data Formats:	PostgreSQL, SQL, MongoDB, JSON

PROJECTS / OPEN-SOURCE

cablegate-search-app | [Link](#) *JavaScript, TypeScript, HTML, TailwindCSS, SvelteKit, MongoDB Atlas*

Parsed 86,000 Cablegate documents from raw HTML to MongoDB BSON, leveraging TF-IDF for fast, scalable keyword search. Built a responsive front-end with SvelteKit and TailwindCSS, featuring pagination and advanced filtering. Deployed to Vercel for global accessibility.

lunar-lists | [Link](#) *Django, Python, JavaScript, CSS, HTML, Bootstrap 5.3, PostgreSQL, Lucidchart*

Capstone full-stack task management site with a space theme. Built with Django (back-end) and Bootstrap 5.3 (front-end), supporting all CRUD operations, user authentication, and task prioritisation. Deployed to Heroku. Iteratively improved based on user feedback.

weather-web-app | [Link](#) *JavaScript, HTML, Dockerfile, CSS, Bootstrap 5.3*

3-day hackathon project: a weather forecast site with a rock-paper-scissors game twist. Used OpenWeatherMap API and Bootstrap 5.3 for UI. Led wireframing and UI design; implemented game logic. Received positive feedback for creativity and usability.

EXPERIENCE

Freelance | Web Developer Remote | March 2025 – Present

- Rebuilding and modernising a church website in Blocs for easy client maintenance.
- Audited and mapped the existing site; planned and implemented new structure and content.
- Collaborated with the client on requirements, UX, and accessibility improvements.
- Created documentation for non-technical users; ongoing iterative updates.

DataAnnotation.Tech | Prompt Engineer Remote | November 2024 – Present

- Annotated data and engineered prompts to improve LLMs using RLHF.
- Ensured legal, ethical, and quality standards for AI-generated content.

Boat Building Academy | Boat Builder Lyme Regis | August 2022 – December 2023

- Built 5 wooden boats as part of a collaborative team, meeting strict deadlines.

Independent Study | Data Science Remote | July 2021 – June 2022

- Studied independently online, gaining knowledge of statistics, machine learning, and the R coding language.

CeX webuy.com | Customer service/E-commerce assistant Watford | January 2015 – June 2021

- Tested, restored, and managed tech products; improved email workflows and database readability.

CERTIFICATIONS

- **OpenEDG Python Institute:** PCEP – Certified Entry-Level Python Programmer
- **Cisco Networking Academy:** Python Essentials 1
- **Codecademy:** Learn React: Introduction, Learn JavaScript, Learn TypeScript: Fundamentals, Learn jQuery
- **Coddy:** Completed multiple beginner and intermediate programming courses (Java, C#, C++, Golang)
- **Code Institute:** 5-Day Coding Challenge

ADDITIONAL TRAINING

- **DataCamp:** Introduction to Python, Introduction to R
- **Khan Academy:** Statistics and Probability, Linear Algebra
- **Udacity:** Intro to Statistics

EDUCATION

The Open University | Click Start

Remote | January 2025 – September 2025

Getting started with generative artificial intelligence (AI)
Cyber Foundations (Cybersecurity)

Code Institute | Full-stack Software Development Bootcamp Remote | April 2024 – August 2024

Grade: Pass (pass/fail evaluation)

Over the course of four months, I learnt HTML, CSS, JavaScript, and Python. Participated in four hackathons (three team-based, one solo), gaining hands-on front-end and back-end experience using agile methods.

Boat Building Academy | City & Guilds Level 3 Diploma Lyme Regis | August 2022 – June 2023

Overall qualification grade: Pass

Kings Langley School | A-Levels

Kings Langley | 2012–2014

3 A-levels achieved in Drama, Photography, and Philosophy & Ethics.

HONOURS & AWARDS

- UK Junior Mathematical Challenge 2009: Bronze Certificate
- Silver + Bronze Academic Colours
- 2014 Subject Award Winner for Drama