

JAY PUSEY

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Portfolio Website - <https://jaypusey1.github.io/Portfolio-Page/>

GitHub - <https://github.com/JayPusey1>

LinkedIn - <https://www.linkedin.com/in/jay-pusey-058003262/>

Personal Statement

I am an enthusiastic and driven Software Engineering student with experience building full-stack and mobile applications. I enjoy solving real world problems through clean and efficient code and am passionate about creating software that is functional and user focused.

Technical Skills

Gained through academic study and personal projects:

- **Languages:** JavaScript, Python, Java, C, C#
- **Frameworks & Libraries:** Flutter, React, React Native, Node.js, PySpark, TailwindCSS
- **Tools & Platforms:** Git, Firebase, Firestore, VS Code
- **Concepts:** RESTful APIs, Agile methodologies, GitHub workflow, version control

Projects

Xern – Gamified Fitness App

Solo Developer | 2025 - Present

- Designed and built a mobile app in Flutter using Firebase to gamify tracking habits.
- Implemented XP, in-app currency, quests, streaks, and weight tracking with real-world milestone comparisons.
- Structured a scalable Firestore backend and clean, animated UI.

MoneyMate – Budgeting & Expense Tracker

University Final Year Project | Sept 2024 - May 2025

- Created a budgeting app using React Native, tailwind CSS and Firebase.
- Features include custom machine learning insights, savings goals, category-based expense tracking, daily budget reminders, and much more.
- Prioritized accessibility and clear visible data.

Personal Portfolio Website

Solo Developer | June 2025

- Built a responsive portfolio website using HTML5, CSS3, and JavaScript to showcase software engineering projects and technical skills.
- Implemented interactive image carousels, typing animations, and mobile navigation using modern CSS Grid, Flexbox, and vanilla JavaScript.
- Deployed to GitHub Pages with version control workflows, featuring downloadable CV integration and cross-browser compatibility.

BUX – Brighton University Exchange

Team Lead & Full-Stack Developer | Feb 2024 - May 2024

- Designed and built a complete e-commerce marketplace using PHP and MySQL where users can buy or sell products to other students.
- Implemented secure user authentication, product listings, search functionality, and integrated campus collection system via Student Union.
- Architected 3 scalable MySQL databases (Products, Users, Sales) with responsive frontend and comprehensive backend logic.
- This was a group project; however, I took the lead and gave everyone weekly tasks. It was agreed that I gave 100% contribution, and we received a high grade.

Education

University of Brighton - BSc Software Engineering

September 2022 - May 2025

- Final Grade: Predicted a 2:1
- Modules:

- Data Mining
- Advanced Web Application Development
- Project Management
- Programming Languages, Concurrency and Client-side Computing
- Embedded Systems
- Large Scale Data Processing
- Object Oriented Development and Testing
- Data Structures and Operating Systems
- Integrated Group Project

Princes Risborough School – 6th Form

September 2020 - May 2022

- Business 1 – A
- Business 2 – C
- Science – C
- Math – C

Experience

Ad-hoc Weekend Work

Occasional – 2022–2025

- Developed a strong work ethic, punctuality, and reliability.
- Learned how to follow instructions and support team efforts in high-pressure environments.