

Matthew Wilcox

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Wimborne, BH21 2LA, United Kingdom | 07719429627

Graduate Software Engineering Student experienced in full-stack development (React, Next.js, MongoDB) and Agile project delivery. Strong interest in building scalable, user-friendly applications.

Education

Southampton Solent University

Sep 2022 - May 2025

BSc (Hons) Software Engineering

Courses: OOP, Web-Development- React , Testing, Data Science, Machine Learning, Java, Kotlin.

Grade: Projected 2:1

Work Experience

Hospitality Assistant

Mar 2022 - Present

Fern's Café / Bar | Barrington Centre - Ferndown

- Delivered consistent , high-quality service to over 100 customers daily in a fast paced environment.
- Maintained operations through teamwork, time management and communication.

Core Skills

Languages: JavaScript, TypeScript, Python, Java , Kotlin, CSS,

Frameworks: React, Next.js, Node.js, Tailwind, Cypress

Databases: MySQL, SQLite, MongoDB.

Tools: Git, GitHub, GitHub Workflows (basic) Agile/Scrum, REST API Development, Testing

Projects

Solent Timetabling Application – Next.js, React, MySQL, Tailwind, Agile Jan 2025 - May 2025

Built Full-stack app for session allocation, student /staff timetable views and PDF/CSV export.

Collaborated with sponsor to iteratively deliver in an Agile Sprint Format.

Dissertation- Responsive Education Webapp – Next.js, MongoDB, Vercel Jan 2025 - May 2025

Developed a full-stack education platform with secure authentication and responsive UI.

Implemented course creation with multiple chapter support and quiz integration.

Implemented custom quiz system with answer validation, marking and best score storage.

POI Management App- Kotlin, Jetpack Compose, Room, osmdroid Jan 2024 - May 2024

Developed an application for managing POIs using Kotlin With Jetpack Compose.

Implemented add, view and sync POI's on a map via osmdroid, using view models to update location

Local data persistence using Room and remote synchronization using HTTP and Fuel.

Integrated location services and settings control for user preference.

References

Barrington Centre: townclerk@ferndown.gov.uk