

# James Beech

## Graduate Software Developer

✉️ Dubai (Residency Visa), United Arab Emirates

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LinkedIn Profile GitHub Personal Site

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🚗 Driver's License: Yes

## 🔗 Professional Summary

First-Class Computer Science graduate with a strong foundation in backend development, software engineering, and AI. Skilled in Python, Java, C/C#, SQL, and Rust, with hands-on experience building full-stack applications, reinforcement learning systems, and embedded IoT tools. Successfully led and delivered complex technical projects including an AI-driven horror game and a hospital management system. Detail-oriented, fast learner, and eager to contribute to high-impact backend engineering teams.

## 📝 Work Experience

### Fitness Instructor

Kent Sport Canterbury, United Kingdom

Oct 2024 — Jun 2025

- Maintained gym and ensured all equipment was safely stored and ready for use.
- Assisted members by offering guidance on proper form, technique and safe equipment use.
- Supported the gym team in monitoring the training area to promote a safe and welcoming environment.
- Developed communication skills by interacting with a wide range of gym users, adapting advice to various fitness levels.

### Project Management Assistant

MACE Construction Dubai, United Arab Emirates

- Gained hands on experience at the Expo 2020 Dubai site, developing an understanding of construction processes and project lifestyle management.
- Allocated teams to incomplete tasks to maximize resource efficiency and diversify the workload across 2 different projects.

## ⚙️ Skills

Java Python C# C

JavaScript PHP SQL

SpringBoot jQuery SwaggerUI

REST APIs MVC Architecture

GitHub Agile Problem Solving

Time Management

Team Collaboration

## 🌐 Education

### BSc (Hons) Computer Science

University of Kent Canterbury, United Kingdom 2022 — 2025

- Graduated with First Class Honours
- Key Modules include: Web Development, Software Development, Computer Systems, Blockchain Systems, Computer Networks and Communications.
- Projects included: Agile Development, Full-Stack Applications, IoT Prototypes, Blockchain Smart Contracts

### International Baccalaureate

JESS Arabian Ranches Dubai, United Arab Emirates 2009 — 2022

Higher Level: Computer Science, Maths AA, Geography  
Standard Level: Physics, English, Spanish

## ⌚ Projects

### Fintech Banking App

MVC Architecture (PHP, JS, jQuery)

Built an interactive web app simulating banking functionality with authentication, database storage and clean UI.

### Procedurally Generated Game with Reinforcement Learning AI

(C#, Unity)

Created an AI agent to navigate a procedurally generated environment using player tracking logic.

### Book API System

(Java, Springboot)

Developed REST API for library management, integrated Swagger UI for testing/documentation.

### Hospital Management System

(Java, SQL, GitLab)

Applied Agile development strategies to produce frontend and backend. Set up automated Gitlab CI/CD to run automated unit tests to ensure code stability on each push.