

# JAMES KAVANAGH

London

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A highly motivated and adaptable software engineer with five years of experience in the corporate sector and a keen aptitude for technology. Proven track record of successfully managing software development projects, optimising processes, and driving team performance in dynamic environments. Adept at utilising analytical skills and time management to deliver high-quality software solutions under pressure. Passionate about embracing new challenges and opportunities for growth, and eager to contribute to an innovative and forward-thinking organisation.

## EDUCATION

**UNDERGRADUATE DEGREE - BSC (HONOURS) CHEMISTRY, 2:1**  
UNIVERSITY OF KENT, CANTERBURY

**A-LEVELS – BIOLOGY, CHEMISTRY, MATHS**  
ALL SAINTS SCHOOL, DAGENHAM

**GCSES – 6 A\*-C**  
THE CAMPION SCHOOL, HORNBURCH

## KEY SKILLS

- ◆ Problem solving
- ◆ Analytical
- ◆ Critical thinking
- ◆ Decision making
- ◆ Strong communicator
- ◆ Fast learner
- ◆ Time management

## EXPERIENCE

**MAY 2020 – CURRENT**  
**DIGITAL DEVELOPER – BUPA, STAINES**

Lead full-stack engineer (since late 2022) in an agile team delivering and supporting five LAMP web apps, a PHP API, and a legacy Java app. I mentor engineers, manage CI/CD, and deliver against a Product-owned roadmap.

- Applications used by call center staff (MSAs) to book customers appointments with consultants/hospitals/clinics, and to send communications to customers via SMS and Email allowing them to book on our public facing site;
- Maintained, refactored and improved our own API which is consumed by third parties as well as internally;
- Upgraded/refactored our applications from PHP 5-8;
- Completely refreshed and improved the self-service booking journey for PMI customers and Bupa MSA staff, rewriting this in react with typescript - working with UI/UX designers in Figma and stakeholders to achieve this;
- Developed very strong debugging skills, having inherited these legacy web apps from a vendor with very limited documentation and KTs - whilst supporting, refactoring and developing new features for these apps to be released on a bi-weekly sprint schedule outside of user's working hours;
- Worked closely with stakeholders and designers to ensure any work meets and exceeds expectations, attending sprint

## TECHNICAL SKILLS

### Languages

- ◆ PHP 8.x/5.x
- ◆ HTML/CSS
- ◆ JS/TypeScript
- ◆ Java
- ◆ C#
- ◆ Lua

### Frameworks

- ◆ React
- ◆ jQuery
- ◆ Next.js
- ◆ Angular
- ◆ Backbone
- ◆ .NET

### Misc

- ◆ Git/SVN

- ceremonies and communicating strongly with the team daily;
- Since September 2022 I have led the development for my team - supporting peers, conducting code reviews, interviewing new colleagues, and being a go-to SME for interfacing teams.

- ◆ Jenkins
- ◆ GitHub Workflows
- ◆ RHL
- ◆ AWS
- ◆ Oracle
- ◆ Terraform
- ◆ Docker
- ◆ MySQL
- ◆ MongoDB
- ◆ PostgreSQL
- ◆ Unity
- ◆ Debugging

## **JANUARY 2020 – MARCH 2020**

### **C# DEVELOPER TRAINING – SPARTA GLOBAL, LONDON**

After graduating from my Chemistry degree, I enrolled into a C# development bootcamp - to further my knowledge in software development and look to apply my acquired skills in the real world. I gained a vast amount of knowledge, including but not limited to:

- SDLC + Agile methodologies;
- Web and C#/ASP.NET Development;
- Building and presenting a flight simulator game created in Unity using scripts written in C#;
- Working as a group to create a fully functional ASP.NET web application.

## **SUMMER 2014**

### **WORK EXPERIENCE – PETROLEUM DEVELOPMENT OMAN, HARWEEL, OMAN**

I spent 10 days learning about Shell's new miscible gas injection techniques in Oman:

- Speaking to many current process engineers of the site;
- Learning all the instrumentation used, with hands-on measurements;
- Diagrams of process were broken down and explained by the engineers.

## **SUMMER 2013 - JANUARY 2019**

### **DELIVERY DRIVER - DOMINOS, CANTERBURY/ROMFORD**

## **INTERESTS**

My interests include cars, gaming and football. I play rugby occasionally with my local team and enjoy socialising with my friends and new people.