

MICHAEL MCLAIN

GRADUATE SOFTWARE ENGINEER

A forward-thinking software engineering graduate with 5+ years of background in creating software. Highly experienced in all aspects of the software development life-cycle and end-to-end project management, from concept through to development and delivery. Recognized as a hands-on and competent team member within a fast-paced, deadline-driven environment.

EDUCATION HISTORY

- BEng - Software Engineering** **2019 - 2022**
Canterbury Christ Church University
Programmes
 - Programming Frameworks and Languages.
 - Advanced Algorithms and Data Structures.
 - Object-Oriented Programming in C#.
 - Advanced Databases and Big Data.
 - ***Achieved First Class Honours.**
- Sixth Form Academy** **2017 - 2019**
Tendring Technology College
Courses
 - Computer Science.
 - Information Technology.
 - Psychology.
 - Maths.

WORK EXPERIENCE

- Great Danes** **2021 - 2022**
Junior Systems Engineer
Duties
 - Agile Project Management.
 - Creation of EPOS Application.
 - Bug Fixes and Troubleshooting.
 - Deployment to Android/IOS/Web.
 - Maintenance and Upgrades to API.
- East of England Co-Op** **2018 - 2019**
Customer Service Assistant
Duties
 - Adaptability.
 - People Management.
 - Timeliness and Patience.
 - Teamwork and Problem-Solving.

TECHNICAL SKILLS

- Languages**
C#, JavaScript, Python, SQL, C++, Java and Bash.
- Frameworks**
React.js, Express.js, Next.js, Cypress, TailwindCSS and Flutter.
- Tools**
Git, Linux, Docker, AWS, CI/CD.

CONTACT DETAILS

- Phone Number:**
+44 7951 999906
- Email:**
michael@mclain.co.uk
- Address**
41 Old Road, Frinton-on-Sea
- GitHub**
@mhykol2k
<https://github.com/mhykol2k>

PERSONAL PROJECTS

- Great Danes EPOS Application**
<https://github.com/mhykol2k/gr8danes>
Features
 - Fully specified and extensive **API**.
 - Extensive focus on **regression testing**.
 - Created a novel multi-user touch screen interface developed for android tablets.
 - Implemented **user stories** defined by a product owner to fulfil an acceptance criteria.
- Personal Portfolio**
<https://github.com/mhykol2k/portfolio>
Features
 - Created a Web Application front-end using **JavaScript**, **ChakraUI** and **Three.js**.
 - Developed Physics for the interactive **3D** Vector Model.
- Linux CLI Portfolio**
<https://mhykol.dev>
Features
 - Developed an automated test suite using **JavaScript** with **Cypress** and **GitHub Actions**.
 - Created a Single Page Application front-end using **TypeScript** and **Clean** architecture.

INTERESTS

Even outside of work, I spend much of my time working on building computers and developing personal applications. When not programming, I also enjoy running and staying active outdoors, as well as keeping up with my reading in both fiction and computer magazines.