ARJUN PATEL

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SOFTWARE

Python

C & C++

C# inc. WPF & Xamarin

Git inc. Gitlab CI/CD

MATLAB & Simulink

SOLIDWORKS

Docker

LaTex

HTML

Microsoft Office (Word, Excel, PowerPoint)

Adobe (Photoshop, Illustrator, Premiere Pro)

SKILLS

Adaptability

Eagerness to Learn

Project Management

Team Collaboration

Process Improvement

Communication Skills

User Interface Design

HOBBIES

Travelling

Skiing and sailing

Drawing, painting and sculpting

Video games

Motivated, hardworking, and continuously eager to expand knowledge, with a profound aptitude and passion for mathematics and electronics instilled from a young age. A composed demeanour, consistently able to remain calm under pressure in fast-paced and challenging work environments.

Enthusiastically rejoining the workforce after a fulfilling travel break, keen to leverage my skills and expertise to foster innovation and contribute to meaningful solutions.

A collaborative team player, as evidenced by successful contributions to university projects and previous roles, dedicated to achieving optimal outcomes through effective teamwork. Proficient in various programming languages and software packages to support project implementation.

EDUCATION AND EXPERIENCE

Application Engineer

Oxford Technical Solutions   Nov 18 - Aug 21

- Led a 6-member team in conceptualising, designing, and producing bespoke software, improving the ease and speed of car testing for a major Japanese automotive OEM. The contemporary design inspired the company to emulate and revamped existing applications, demonstrating innovation and a forward-thinking design perspective.

- Collaborated with cross-functional teams to build and improve a data processing application in C# leveraging the WPF framework and .NET for a new avenue of business for the company.

- Executed embedded code implementation for a novel 16-core IMU, resulting in the development of a cost-effective and compact new product.

- Developed a prototype for the company's inaugural cross-platform application, supporting Android, iOS, and Windows in Xamarin.

- Championed the introduction and implementation of CI/CD at the company, improving production and reducing development errors.

- Managed the Git repositories for the entire company, implementing new workflows and conducting training sessions, resulting in enhanced collaboration between departments and improved code quality.

1st class honours in Electromechanical Engineering MEng

University of Southampton   Sept 14 - Jul 18

- Successfully delivered multiple individual and team projects, culminating in the achievement of first-class honours.

- Collaborated effectively within university teams on multiple innovative projects which successfully achieved project goals and met deadlines while individually meeting targets.

Career break

Worldwide   Aug 21 - Present

Took a deliberate career break to explore personal interests, engage in extensive travel, and prioritise my mental health. This period fostered adaptability, cultural awareness, and a resilient mindset. The experiences gained have enriched my perspective and contributed to my readiness to excel in new challenges.