

David Miles

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Profile

A versatile and flexible **full stack developer**, with experience working across a wide range of technologies and projects in a pragmatic and collaborative environment as part of a small team. Able to work with stakeholders to specify and build products which meet the business's requirements. Committed to supporting colleagues and driving team performance, and keen to build effective relationships by leading and inspiring. Possessing great prioritisation, analytical, multitasking and decision making skills.

I enjoy working on products end-to-end, and finding sensible solutions to interesting problems.

Key skills

- Analysis and evaluation
- Complex problem solving
- Creative and innovative
- Technical writing
- Teamwork and collaboration
- Training and mentoring
- Working with key stakeholders
- Providing third level customer support

Career experience

CONTRACT TECHNICAL AUTHOR, RASPBERRY PI FOUNDATION, REMOTE - 2024

Wrote article included in MagPi magazine #146 on making legacy hardware work with modern computers.

SENIOR DEVELOPER, CIVICA/AGYLIA GROUP, BRISTOL – 2008-2024

Initially joined Content Master as a technologist. The company was then renamed to Agylia, where I worked as a senior developer. They were then subsequently purchased by Civica in 2020.

Lead developer adding new features to a web based learning platform, using C#, Javascript, Docker, and assorted AWS and Azure services

- Support and led development on iOS and Android apps, using Xcode and Android Studio
- Evaluated and specified new features and development working with internal and external stakeholders
- Responsible for handling third line support with support using Zendesk to resolve customer issues

- Contributed to annual product planning process with leadership and management teams
- Designed and built SaaS based xAPI LMS enabling storage and reporting of learning data using Node.js, TypeScript, MongoDB, and PostgreSQL
- Lead developer on desktop e-learning content creation system, using MVVM WPF/C#, producing xAPI and SCORM tracked jQuery/HTML5 content for hosting on a LMS

SOFTWARE ENGINEERING INTERN, GOOGLE, MOUNTAIN VIEW, USA – 2007

- Member of Java Infrastructure Team, working on a variety of core infrastructure libraries and tools using Java, C++, and Python

Education and systems experience

University of Durham – MMath Mathematics 2008

SYSTEMS EXPERIENCE

- | | | |
|---------------------|-------------------------|---------------------------------|
| • Modern Javascript | • CSS | • Continuous deployment |
| • Typescript | • React | • AWS, EC2, ECS, CloudFormation |
| • C# and .NET Core | • Git and GitHub | • Azure |
| • ASP MVC Core | • Node.js and NPM | • VS Code |
| • SQL | • Containers and Docker | |
| • HTML5 | • RabbitMQ | |

Interests

ROBOTICS AND EMBEDDED DEVELOPMENT

- Worked on a range of projects involving embedded development and hardware
- Produced 3D printed assemblies and projects, built and maintained 3D printer

PARTICIPANT IN RANGE OF GAMEJAMS AND HACKATHONS

- Award winning entries in various game and other code jams

PHOTOGRAPHY

- Assorted photography of events and travel
- Custom 3D printed large format instant photography

JAPANESE LANGUAGE

- Intermediate Japanese language skills