

David Moss

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PROFILE

Balancing full stack development and forward thinking I thrive in autonomous teams which have the power to get things done. With exposure to great projects I have learnt new technology where I can. I now seek the role to challenge and apply what I have learnt to other successful projects. I want to work in an environment where everyone is passionate about what they do, happy to help each other and has a clear direction about where the company is going. I have learnt many lessons over the years, my skills include:

- + Full stack developer - happy working with backend, frontend, SDLC, devops and team management
 - + Choice of right technologies, processes, architecture and planning for the future
 - + Making decisions to get the job done – limiting deliberation
 - + Clarity of direction, balancing freedom of choice over the delivery of goals.
 - + Learning from previous failures and lessons to implement time saving improvements – pair programming and show 'n' tells to share knowledge.
 - + Strong understanding and practice of Agile methodologies to ensure effective feedback loops are established with the client.
 - + Communicating development requirements to the business as the voice of the department to help expand and meet deliverables.
 - + Close collaboration with clients to gather requirements and give progress updates.
 - + Analysing efficiencies and improvements – every team behaves differently and works best with certain processes, some even with more developer anarchy and autonomy!
 - + Establishing a developer friendly environment – initiating flexible working hours, hack days, community meet-ups and desk beers.
 - + Management – coordinating, communicating, mentoring, hiring and firing.
 - + Worn many hats: CTO, Lead Developer, Architect, Release Manager, Scrum Master, Product Owner, Project Manager, Devops, Support Engineer, Developer in Test & Manager/Director.
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RECENT TECHNOLOGY STACK

- + **PYTHON** (8+ years) - Flask, SQLAlchemy, Graphene, Django, Celery, PyTest, REST, JWT
 - + **FRONTEND** (3 years) - React, Vue, SCSS
 - + **AWS** (3 years) - IAM, EC2, RDS, EKS, ECS, ECR, S3, Lambda, API Gateway, CloudWatch
 - + **DEVOPS** (3 years) - Docker, Kubernetes, Terraform, Helm
 - + **SDLC** - SCRUM, Kanban, JIRA, CI/CD, TDD, CircleCI
 - + **OTHER** - PostgreSQL, Git, RabbitMQ
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EDUCATION

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| 2001 – 2005 | University of Bristol - MEng Computer Science (First Class Honours - 1st) |
| 1997 – 2001 | Saffron Walden County High School and Sixth Form, Essex
'A' Level – Mathematics (A), Further Mathematics (A), Physics (A), Chemistry (B)
GCSE – 3xA* and 7xA |

EXPERIENCE

Jan 2017 - July 2019

NMR Consulting Ltd

Position

Head of Development & Lead Python Developer

- + Structured the development team putting standards in place, introducing stand ups, peer reviews, line management, CI/CD, and Agile methodologies.
- + Consulted on video and media workflows and management systems to build solutions for clients like ITV, BBFC and Nike.
- + Liaised with clients to prioritise work, architect solutions and answer RFPs.
- + Hands on lead developer making technological choices introducing Docker, Kubernetes, Terraform and Helm.
- + Created GraphQL layer to decouple frontend web applications (Python, Flask, Graphene).
- + Built CI/CD pipeline in CircleCI and automate builds and deployment in AWS.
- + Implemented frontend components with React and Redux.
- + Setup reporting data pipelines with the Luigi framework to aggregate and run ETLs to populate a data warehouse.
- + Certified AWS associate architect deploying infrastructure with EC2, ECS, EKS, ECR, IAM, S3.
- + Hired contractors and off shore development teams to scale resources.
- + Collaborated on EU project to integrate video analysis and machine learning algorithms.

Sept 2015 - Jan 2017

Wipro Digital (Buildit)

Position

Engineering Lead

- + Used my technical breath to consult on digital transformation projects at large corporations.
- + Worked within cross functional teams to architect, design and deliver technical solutions.
- + Consulted at HSBC and Lloyds Banking Group to improve the development lifecycle in modifying their banking applications.
- + Utilised my devops skills to show how Docker and Continuous Deployment (Jenkins) help speed up the delivery of features and set them up to succeed faster in the future.

June 2010 - Aug 2015

Hogarth Worldwide Ltd

Position

Applications Development Architect / Director & Python Developer

- + Used previous experience and domain knowledge to make decisive decisions to lay down the foundations for development technologies, practices and procedures.
- + Developed, managed and delivered the ZONZA digital asset management (DAM) web platform to market (Python, Django, Celery, Postgres) and on going for 5 years.
- + Worked with the ZONZA product team to execute the vision of simplifying the video production workflow that previous systems enforced and deliver a clean and intuitive interface that users found fresh.
- + Ensured that the ZONZA product was well tested and setup a continuous integration pipeline to ensure it remained stable (Jenkins).
- + Developed the strategy for ZONZA maintaining a mature backlog and ensured clients couldn't unjustly disrupt the product roadmap.
- + Grew the development team to 70 engineers over 2 years with offshore teams in Poland and an Edinburgh office, where I then managed team leads.

June 2005 - June 2010

BEAM.TV, London

Position

Project Manager & Lead Developer

- + Supporting an online content management system, I worked with PHP, Java, JS, CSS, PL/SQL, C# .Net and XSLT to develop new tools and features for high profile clients such as Unilever, Nike and Nokia.
- + I planned, led and delivered both individual and team projects on time and to a high standard. These included integrating online video manipulation (transcoding), online workflow and reporting tools, as well as in store retail multiscreen video playback systems.

INTERESTS

I am competitive by nature and it is no surprise I enjoy playing sports in my spare time. Over the last 8 years I have played softball for the Fuzzy Ducks in the GLMSL and am currently the Treasurer. Whilst at Hogarth I shared my love for the sport in setting up and captaining the work team. I ran training sessions to teach the team the rules and get everyone familiar with the sport. We managed 2nd position within the division in our opening year. I also enjoy playing tennis, golf, badminton, snowboarding, table tennis, pool and squash.

To stay up-to-date with new technologies I like playing with different software I read about in various blogs. This gives me a chance to tryout tools outside the work environment like Google app-engine, AWS and Heroku.

REFERENCES

Can be provided on request