

MICHAŁ FLAK

michal@mflak.eu · mflak.eu · linkedin.com/in/mflak · github.com/elo-siema

SUMMARY

Software engineer with over 4 years of professional experience. I'm used to being a generalist in a quickly growing startup. Worked independently, in teams, led teams. I know the pitfalls of young projects having experienced them myself and how to avoid them. Looking for new challenges where I can dive deep and engage fully.

My background is mostly in backend API development (.NET, SQL, Node) and DevOps (AWS), but I have dabbled in many things over the years, including frontend, gamedev, mobile and others.

EDUCATION

University of Strathclyde Glasgow, Scotland
BA Product Design and Innovation Nov 2015 - Jun 2016 (decided to switch to CS)

AGH University of Science and Technology Kraków, Poland
BEng Computer Science Nov 2017 - Jun 2021 (ongoing, part-time)

WORK EXPERIENCE

Betsold Ltd Remote
Lead DevOps Engineer Dec 2018 - Present

- Tasked with setting up CI/CD pipelines and scalable infrastructure in AWS for our product
- Led a team of 4 DevOps and Cloud engineers
- Carried out load tests, identified and strengthened weak points
- Participated in preparations for ISO/IEC 27001 certification
- Managed releases
- Conducted a successful product launch

Betsold Ltd Glasgow, Scotland / Remote
Software Engineer July 2016 - Dec 2018

- Joined in early stages of a sports betting auction startup, saw its journey to launch
- Developed API in C# / Asp.NET MVC + SQL procedures
- Developed Node.js microservices and AWS lambdas
- Worked on front-end occasionally

Twenty Squares Ltd Remote
Project Manager / Software Engineer July 2018 - October 2018

- Worked with a Junior Developer on a redesign / overhaul of a climate change educational game for schools
- Built content structure and presentation templates in Umbraco CMS
- Built a 3d game on PlayCanvas engine
- Rolled out to several Scottish primary schools, positive feedback from kids :)

SKILLS

Tech - Work:

- AWS - deep experience. Used: ASGs, ELB, CodeDeploy, CloudFormation, CloudWatch, Elastic Beanstalk, CloudFront, Route 53, Lambda, RDS, ElastiCache, setting up VPCs, SQS, monitored and optimized costs
- Languages: C#, SQL (MySQL, MSSQL), Javascript, Powershell, HTML+CSS, Python, GLSL
- Frameworks: Asp.NET MVC/Core, Umbraco, PlayCanvas, Angular
- Tools/libs: GoCD, Prometheus, Artillery, Git, Redis

Tech - Hobby / Academic:

- Languages: C, C++, Java, Rust, Haskell, Matlab/Octave

Other:

- Computer Science fundamentals, complexity analysis, performance optimization

PROJECTS

Chip8 emulator *Rust*<https://github.com/elo-siema/rust-chip8>

Simple game console emulator written in Rust to familiarise myself with the language.

COURSES

Machine Learning Coursera by Andrew Ng