Michal Witkovsky

Senior IoT Engineer

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Summary

Senior IoT/Edge Engineer focused on designing and delivering reliable edge-to-cloud solutions on AWS. Experience includes AWS IoT Greengrass workloads, industrial multi-protocol connectivity, observability, and predictive maintenance. Lead R&D and demos in the London Edge Computing Lab, mentor junior consultants, and support pre-sales for manufacturing, industrial and renewable clients.

Education

London South Bank University
BEng Network Engineering
Sep 2018 — Jul 2021

Technical Skills

AWS, Python, C++, Node.js, Embedded programming, Terraform, CloudFormation, Docker/Kubernetes, Industrial protocols (OPC-UA, Modbus, MQTT)

Soft Skills

Collaboration, Problem-solving, Leadership, Project management, Agile development (Jira, Confluence, Notion)

Additional Skills

Public speaking, Technical documentation writing, Electrical engineering, CAD

Languages

English (C2), German (A2), Polish (A2), Slovak/Czech (native)

Certifications

- Fusion 360
- SOLIDWORKS 3D and Electrical
- IELTS Academic - C1

Work Experience

Storm Reply   Sep 2021 — Present
Senior IoT Engineer

Storm Reply is an AWS Premier Partner. I design and deliver IIoT/edge architectures on AWS, lead R&D and customer demos in the London Edge Computing Lab, mentor junior consultants, and contribute to pre-sales and technical engagements across manufacturing.

- Automated remote hardware deployment management (AWS IoT Greengrass & Kubernetes)
- Containerised Greengrass components; standardised edge fleet management
- Multi-protocol industrial connectivity (e.g., OPC-UA, Modbus, MQTT, REST)
- Custom dashboards, reporting, alerting and anomaly detection for machine data
- Predictive maintenance PoCs for manufacturing clients
- Built highly available and reliable edge hardware solutions
- Co-founded and lead the London Edge Computing & IoT Lab; defined roadmap and demos
- Pre-sales solutioning and technical customer engagement; technical documentation
- People manager: onboarding, support and guidance for L1–L3 consultants

Neuville Grid Data   Mar 2020 — Aug 2021
DevOps Engineer

Set up and maintained GCP and edge environments; ensured smooth operation of on-site hardware, client dashboards, site networking, and deployments across multiple sites.

- Created a cloud environment tailored to business needs
- Built an edge-to-cloud data acquisition pipeline
- Database and dashboard setup for real-time analytics
- HQ lab network upgrade and redesign
- Containerised applications and automated edge deployments
- Maintained 24/7 uptime of services