

Lukas Aron

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EDUCATION

BRNO UNIVERSITY OF TECHNOLOGY

PH.D. COMPUTER SCIENCE AND ENGINEERING

Privacy Protection on Mobile Devices
2018 | Brno, CZ

MSc. COMPUTER GRAPHICS AND MULTIMEDIA

Use of Mobile Device Sensor in a Car
2013 | Brno, CZ

BSc. INFORMATION TECHNOLOGY

GeoReminder for Ngoo
2011 | Brno, CZ

TECHNOLOGY SKILLS

- AI • Generative AI • LLMs
- Go • Python • Java/Kotlin
- TypeScript • SQL
- AWS • GCP • Terraform • Docker
- Kubernetes • Istio • CI/CD • GitOps
- Kustomize • Svelte/SvelteKit
- React • Flutter • PostgreSQL • Redis

LEADERSHIP

- Building & scaling engineering teams
- AI product strategy & delivery
- Hands-on architecture & cloud infrastructure
- Hiring, mentoring & team development
- Cross-functional leadership & partner management

EXPERIENCE

ZURICH MEDICAL ANALYTICS | CHIEF TECHNOLOGY OFFICER

July 2024 - Present | Sydney, AU

- Built the software development team from the ground up, defining methodology, cloud architecture, product design, and roadmap.
- Embedded AI guidance into a disruptive, AI-first product and delivered it to production and first customers.
- Own the product roadmap, continuous improvement, and scaling of delivery.
- Coordinate between medical and technology teams and manage strategic partnerships.

ARCHA | CHIEF TECHNOLOGY OFFICER

March 2022 - June 2024 | Melbourne, AU

- Led a 20+ engineer team, reshaping the development methodology for faster, higher-quality delivery.
- Accelerated solution delivery by 60% through automation and a rebuilt CI/CD pipeline.
- Cut infrastructure costs by 50% via consolidation and cloud optimisation.
- Worked hands-on across the stack, designing the new GCP architecture (Terraform, Kubernetes, Istio) and writing production code in Python, Go, and TypeScript.

BCG DIGITAL VENTURES | SENIOR SOFTWARE ENGINEER

November 2018 - March 2022 | Sydney, AU

- Shipped venture builds across multiple industries, from prototype to launch.
- Owned architecture, infrastructure, and stack decisions across ventures (AWS, Terraform).
- Led multi-discipline teams, matching methodology to team size for successful delivery.

CONVERTING ADS | TEAM LEADER & SENIOR SOFTWARE ENGINEER

September 2017 - November 2018 | Prague, CZ

- Led a new product from scratch, a high-volume bidding platform spanning code, architecture, cloud, and team management.
- Grew the platform to handle high-volume bidding traffic in production.

ACTUM DIGITAL | SOFTWARE ARCHITECT

June 2017 - September 2017 | Prague, CZ

AVG TECHNOLOGIES | SENIOR SOFTWARE DEVELOPER

November 2015 - May 2017 | Brno, CZ & Prague, CZ

SDE SOFTWARE SOLUTIONS | SOFTWARE ENGINEER

February 2015 - October 2015 | Brno, CZ