

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

- Go • Python • Java/Kotlin • C#
- AWS • GCP • Terraform
- Docker • Kubernetes • Istio
- CI/CD • GitOps • Kustomize
- Svelte/SvelteKit • React • Flutter
- HTML • JavaScript • TypeScript
- PostgreSQL • Redis

LEADERSHIP

- Team management
- Strategic Planning
- Technical Expertise

EXPERIENCE

ZURICH MEDICAL ANALYTICS | TECHNOLOGY LEAD

July 2024 - Present | Sydney, AU

- Leading the technology sector and bringing the solution from zero to the world.
- Coordination between Medical and Technology team.
- Define the scalable and flexible technical architecture leveraging cloud provider.
- Manage and cultivate strategic partnerships.

ARCHA | CHIEF TECHNOLOGY OFFICER

March 2022 - June 2024 | Melbourne, AU

- Leading the technology department with a focus on switching from startup to scale-up.
- Definition of processes not limited to Security, Software Development, Releases, and Relationships with vendors.
- Multiple individual team management - FE (Web and Mobile), BE and DevOps cooperation.
- New Cloud Architecture definition in GCP using IaC (Terraform), Kubernetes, Istio, CI/CD, and modification of existing solution to achieve a stable, fast and resilient solution.
- SW Architecture for new features and improvement of existing ones.
- Implementation of business logic leveraging Python, Go, TypeScript and React/NextJS.

BCG DIGITAL VENTURES | SENIOR SOFTWARE ENGINEER

November 2018 - March 2022 | Sydney, AU

- Part of game changing industry with the responsibility to lead and deliver high-quality technical solutions based on emerging technologies.
- Making decisions related to Infrastructure, SW Architecture, Technology Stack and approach on multiple projects.
- Leading multi-discipline teams, using a proper methodology that suits the team size and following the successful delivery of solutions.
- All projects were defined in AWS leveraging IaC (Terraform) and its services.
- Implementation has been done mostly by using: Python, Go, Kotlin, Flutter, React/NextJS and Postgres DB.

CONVERTING ADS | TEAM LEADER & SENIOR SOFTWARE ENGINEER

September 2017 – November 2018 | Prague, CZ

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

CERTIFICATIONS

- 2023 HashiCorp Terraform Associate
- 2020 AWS Certified Solutions Architect Associate
- 2017 Oracle Certified Associate, Java SE 8 Programmer