

Simon Verhoeven

simonaverhoeven@gmail.com
UK and Swiss National
+65 8363 0416

04-15 Suites@Katong
263 Tanjong Katong Rd
Singapore, 437050

PROFILE

Keen software architect and consultant with 10+ years' experience in IT Professional Services. Driven to learn and dive deep into problems and technologies. Looking for a hands-on role working with technologies that excite me. Interested in full-stack development, serverless application architecture, infrastructure as code, AI, and modern frontend frameworks.

SKILLS

- Frontend - JavaScript/TypeScript, React.js, Next.js, D3.js, Web Components (Stencil), Webpack, CSS, Sass, Tailwind
- Backend - Node.js, Java (Spring Boot)
- DevOps - Jenkins, GitHub Actions, Docker, AWS Cloud Development Kit, Terraform
- AWS - API Gateway, Lambda, Cognito, DynamoDB, Fargate, VPC, EC2, ECS
- Testing - Jest, Puppeteer, Cypress, JUnit, Selenium
- Agile Methodologies - Scrum, JIRA
- Web and Real-Time Protocols: REST, GraphQL, WebSockets
- Relational and NoSQL Databases - PostgreSQL, MySQL, MongoDB, DynamoDB
- Fundamental Computing Skills - Windows, Mac, Linux/UNIX, Batch/Shell
- Public Speaking - Frequent experience in presenting ideas and technologies to large groups

WORK EXPERIENCE

- | | |
|---|---------------------|
| Zühlke, Singapore | Apr 2025 – Present |
| <i>Lead Software Architect</i> | |
| <ul style="list-style-type: none">• Partner with sales to craft solution architectures and estimates, securing client engagements.• Lead cross-functional teams; shape architecture and DevOps standards to meet client goals. | |
| Alpaca Consultants, Singapore | Jul 2022 – Present |
| <i>Founder</i> | |
| <ul style="list-style-type: none">• Provide technology consulting to start-ups in various sectors, including shipping, logistics, recruitment, and e-learning.• Specialize in DevOps, AI, AWS, Node.js, React.js, TypeScript, Java (Spring Boot).• Design, architect, and build solutions.• Manage an international team of full-stack developers. | |
| Telepathy Labs, Singapore | Feb 2022 – Dec 2024 |
| <i>Senior Software Engineer</i> | |
| <ul style="list-style-type: none">• Architected and built several Telepathy Labs software products.• Technical Lead: Coached team members, delegated tasks, reviewed pull requests. | |
| Whire, Singapore | Jun 2021 – Nov 2023 |
| <i>Chief Technology Officer</i> | |
| <ul style="list-style-type: none">• Set technical direction and oversaw all IT functions across the business. | |
| Zühlke, Singapore | Jul 2020 – Jan 2022 |
| <i>Expert Software Developer</i> | |
| <ul style="list-style-type: none">• Developed IT architectures and provided strategic technology consulting.• Frontend Capability Owner: Defined technology roadmap and training. | |
| Appway, Zurich/Singapore | Sep 2014 – Jun 2020 |
| <i>Senior Architect</i> | |
| <ul style="list-style-type: none">• Involved in every step of the product development life cycle from requirements to training.• Designed and implemented several large-scale enterprise applications.• Influenced key stakeholders by proposing new and alternative solutions.• Supported and maintained production environments across global regions. | |

PROJECTS

Telepathy Labs, Singapore - Stella Platform Portal

- Built a digital assistant for car dealership reception and service scheduling.
- Implemented CI/CD pipelines for web apps and internal npm packages (e.g., design system library) using Docker, GitHub Actions, Kubernetes, and Datadog.
- Migrated API deployments from AWS to Azure Functions.
- Tech stack: Node.js, Next.js, TypeScript, Jest, GraphQL, .NET, AWS, Terraform.

Alpaca Consultants, Singapore - Cloud-Based Supply Chain SaaS

- Technical Lead: Defined architecture and directed development, advising CTO and CEO.
- Transitioned client from manual releases to CI/CD pipelines, enabling automated deployments and rollbacks across multiple applications and environments.
- Delivered on-demand versioned app releases with prebuilt assets, automated release notes, and issue tracking, achieving 90% faster deployments and zero downtime.
- Tech stack: Terraform, AWS CDK, AWS Control Tower, GitHub Actions, Sentry.

Standard Chartered Bank, Singapore - Internet Banking Application

- Developed features focusing on customer wealth management.
- Streamlined GraphQL schema creation with mock responses for frontend and backend teams. Proposed and supported the adoption of a new workflow to key decision-makers.
- Tech stack: Node.js, React, TypeScript, Jest, Cypress, Puppeteer, Jenkins, Docker, Java (Spring Boot), GraphQL.

Whire (whire.net), Singapore - Web Recruiting Platform

- Designed and implemented entire application architecture.
- Tech stack: Node.js, TypeScript, Next.js, GraphQL, AWS CDK, Lambda, ECS Fargate.

Julius Baer, Singapore - Portfolio Management Application

- Facilitated workshops to capture business and technical requirements.
- Built a portal for assigning, visualizing, and filtering work items using JavaScript and SQL.

Credit Suisse Trust, Zurich - Trust Structures Management Application

- Responsible for application architecture from concept to go-live; integrated SOAP services across four global locations.
- Led project scoping meetings to define goals within budget and managed client billing.

EDUCATION

University of York

2011 - 2014

BEng Computer Science with a year in industry (2:1)

Bilborough College

2008 - 2010

A-Levels: Mathematics (A), Physics (A), Computing (B)

TECHNOLOGY INTERESTS

Technical Education / Teaching

- Authored an online course on CDK for Terraform (available on KodeKloud).
- Produced a YouTube series on full-stack development and DevOps.
- Hosted workshops and talks at technical conferences (Ho Chi Minh, Vietnam).

Alpaca Cup (alpacacup.com) - Wakeboard Competition App

- Created a competition management app for event organizers and competitors.
- Serverless web-app: AWS Cloud Development Kit, Lambda (Node.js), GraphQL, React.js.
- Launched April 2021; used to host 60+ live competitions.

OTHER

Sports

- Wakeboarding, skiing (competed at university level), skydiving, trampolining, and cycling.
- Cycled from York to Paris with a team of five, raised £500 for Cancer Research UK.

Languages

- Conversational German (CEFR B2).