Simon Verhoeven

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PROFILE

A keen Software Developer/Consultant with 10 years' experience in IT Professional Services. Driven to learn and dive deep into problems and technologies. Looking for hands-on role working with technologies that excite me. Interested in full stack development, serverless application architecture (such as AWS Lambda) and frontend development (particularly React.js).

SKILLS

- Frontend - JavaScript/TypeScript, React.js, Next.js, D3.js, Web Components (Stencil), Webpack, CSS, Sass
- Backend - Node.js, Java (Spring Boot)
- DevOps - Jenkins, GitHub Actions, Docker, AWS Cloud Development Kit, Terraform
- AWS - API Gateway, Lambda, Cognito, DynamoDB, EC2, ECS
- Testing - Jest, Puppeteer, Cypress, JUnit, Selenium
- Agile Methodologies - Scrum methodology, JIRA
- Web and Real-Time Protocols: SOAP, REST, GraphQL, WebSockets
- Relational and NoSQL Databases - Postgres, 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

Alpaca Consultants, Singapore   July 2022 - Current
Founder, CEO
- Technology consultant for startups across various sectors, including shipping, logistics, and e-learning.
- Design, architect and build solutions.
- Manage an international team of full stack developers.
- Specialize in; AWS, Node.js, React.js, TypeScript, Java (Spring Boot), GraphQL.

Telepathy Labs, Singapore   February 2022 - Current
Senior Software Engineer
- Architect and build several Telepathy Labs software products.
- Technologies: Node.js, React.js, Next.js, TypeScript, Docker, GraphQL.
- Schedule, supervise and delegate tasks among other developers.

Whire (whire.net), Singapore   June 2021 - November 2023
Chief Technology Officer
- Set the technical direction for product development.
- Manage and oversee all IT-related elements of the business.

Zühlke, Singapore   July 2020 - January 2022
Expert Software Developer
- Responsible for developing IT architectures of innovative software solutions and for strategic client technology consulting.
- Technologies: Node.js, React.js, TypeScript, Jenkins, Docker, Java (Spring Boot).
- Frontend Capability Owner: Responsible for reviewing technology horizons (key technologies used in current and future projects) and planning learning for developers.
- Conducted initial and final stage interviews.

Appway AG, Zurich / Appway, Singapore   September 2014 - June 2020
Senior Architect
- 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.

PROJECTS   Stella Platform Portal, Singapore - Admin Portal
- Developed platform for tracking and managing Stella Automotive AI, a digital assistant for car dealerships (handles reception desk and service scheduling lines).
- Technologies: Node.js, Next.js, TypeScript, Jest, Docker, GraphQL, .NET.
- Frontend team lead: Coached team members, delegated tasks, reviewed pull requests.

Standard Chartered Bank, Singapore - Internet Banking Application
- Developed features focusing on customer wealth management.
- Technologies: Node.js, React.js, TypeScript, Jest, Cypress, Puppeteer, Jenkins, Docker, Java (Spring Boot), GraphQL.
- Setup processes/tools for frontend and backend teams to create/edit GraphQL schema and mock responses. Presented a new way of working to key decision makers and provided support throughout its adoption.

Whire (whire.net), Singapore - Web Recruiting Platform
- Designed and implemented entire application architecture.
- Technologies: Node.js, TypeScript, Next.js, GraphQL, AWS Cloud Development Kit, AWS Lambda, ECS, Fargate.

Julius Baer, Singapore - Portfolio Management Application
- Led workshops with the client to outline business and technical requirements.
- Developed a full stack automated portal for assignment, visualization and filtering of employee work items; JavaScript, SQL.

Credit Suisse, Zurich - Customer Account Opening Application
- Heavily involved in sprint planning and story creation (using JIRA).
- Implemented customer document generation, integrated with Silanis Esign.
- Implemented integrations to back end systems; SOAP, REST, Oracle, Apache ActiveMQ.
- Best Practices Coordinator: Led weekly code reviews to ensure high codebase quality.

Credit Suisse Trust, Zurich - Trust Structures Management Application
- Responsible for entire application architecture; from concept to development and Go Live.
- Led project scoping meetings (outlining achievable goals within budget).
- Responsible for client billing.
- Integrated the application with multiple web services (SOAP) in 4 global locations.

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   Alpaca Cup (alpacacup.com) - Wakeboard Competition App
INTERESTS
- Created a competition management app for event organizers and competitors.
- Serverless web application; AWS Cloud Development Kit, AWS Lambda (Node.js), GraphQL (Apollo), React.js.
- Launched in April 2021, has been used to host 50+ live competitions.

OTHER   Sports
- Wakeboarding, skiing (competed at University level), skydiving, trampolining and cycling.
- Completed a charity bike ride from York to Paris as a team of 5. Raised over £500 for Cancer Research UK.

Foreign Languages
- Confident conversational German (CEFR B2 level).

REFERENCES   Available on request