SOKRATES LAMPROU

(+46) 76-246-7207 ⋄ sokrates.a.lamprou@gmail.com ⋄
sokrateslamprou.com

SUMMARY

Experienced **full stack developer** with a versatile and adept skill-set, proficiently engaging with all layers of the technology stack, spanning from user interface refinement to server infrastructure enhancement. I thrive across stack, whether it entails crafting Python-based micro-services, designing components using Svelte, or fine-tuning automation scripts in Bash.

WORK EXPERIENCE

Bambuser, Stockholm
Feb. 2021 - Aug. 2023

Backend Developer

· First project involved working on automated on-boarding self-service system for new customers within a narrow time frame. The automatic signup allowed customers to try on the streaming services with the aim of increasing sales. Worked with **Stripe**, **Younium** for billing and **HubSpot** for signups.

As a valued member of the Merchant Experience Team, I played an instrumental role in enhancing the One-to-Many service, with a primary focus on refining the on-boarding procedure and seamlessly integrating live show creation into the dashboard. This strategic effort was aimed at ensuring a superlative user experience.

During my tenure I participated in a number of projects related to data engineering and tracking. In one of the projects I implemented strategies that helped Bambuser to collect due payments and helped costumers get more engaged in their product.

· Languages: **NodeJS**, **JavaScript** and **React**,
· Cloud: **GCP, Firebase, Firestore, BigQuery, AppEngine, Cloud Functions, Redis, PubSub**,
· Tools/Misc: **Bash, Docker, Git, GitLab, Terraform, Rest API, PostgreSQL, Playwright, Storybook**

Nasdaq OMX, Stockholm
Sep. 2019 - Feb. 2021

Software Developer

· I adeptly utilised **Java** as the primary programming language while collaborating with two distinct teams, both adhering to the **Scrum** methodology. The first project maintained a Clearing system to Brasil Bolsa Balcão (B3), formerly BM&F Bovespa, Brazil's largest equity and derivatives exchange and clearing house. My responsibilities encompassed addressing change requests (CR) and rectifying production bugs. Second project I was working with Collateral Management team that deliver parts of Nasdaq Financial Framework (NFF) which is an end-to-end solution to financial infrastructure to the Swiss Exchange (Six).

· Stack: **Java 11+**, **Gradle**, **git**, **Rest API**, **Jenkins**, **SonarQube**, **SQL**, **regression testing**

Linköping University, Linköping — Aug. 2018 - June 2019
Teaching assistant

· Tutored **Python** programming for first year engineering students. This involved helping students during lab sessions and explain fundamental concepts in weekly seminars. Also assisted in web programming, electable course for engineers which taught the students the core concepts of client side in **Javascript** and testing in **Selenium**. Server-side programming in **Python**, **Flask**, **SQL**, **Rest API**, **Validation** and **Security**. But also taught them client-server communication with **AJAX**, **Websockets** and **JSON**.
· Stack: **Python, Flask, Selenium**

Configura, Linköping — Jun. 2018 - Aug. 2018
Developer

· Summer internship as developer in the core web development team. Modernised old unscalable **Perl** and **JQuery** code to today's code standards of **React** and **TypeScript**. I received a great experienced of **distributed work** when working **agile** with their team in Kuala Lumpur, Malaysia while tackling the challenges that involves learning a big code base. I received an great experience of working agile together with a team in KL, Malaysia while experiencing the challenges that involves learning a big code base with an unfamiliar grammar.
· Stack: **React, Typescript, Perl, JQuery**

EDUCATION

Linköping University, Linköping — *Aug. 2017 - Jun. 2019*
B.S. in Computer Science - Software engineering (Innovative Programming)
Department of Computer and Information Science

Linköping University, Linköping — *Aug. 2014 - Jun. 2017*
B.A. in Cognitive Science
Department of Computer and Information Science

HOBBY AND STUDENT PROJECTS

growfa.st Latest project focusing on increasing organic growth by rewarding user generated content. Built with same tech stack as Indiebackers.

Indiebackers.dev Where developres meet early adopters. Strike deals, shape projects, and build MVP's together.

WIP: Failedge.com Website to learn from other peoples failures. Built with NextJS and React with Supabase as backend.

Playback Assistant [1] My most recent side project where I have implementing a voice-command system that changes my playback device (from headset to speakers). The changing of devices is mainly written in **C++** (MSVC compiler), and the voice command system is implemented in **Python**.

BlackHawk [2] Side project written in **Bash** and **C++** (Still ongoing). Wrote a search tool that scans web pages for PDF files and scans against a keyword in order to get an overview of important documents.

Divergent [3] Divergent run a specific ava test case until it both passes and fails, then it to analyse the trace of both runs and provide the user with useful information, if the execution path or return values

---

[1] https://github.com/socketopp/playback-assistant
[2] https://github.com/socketopp/blackhawk
[3] https://github.com/socketopp/divergent

diverged from a passing and a failing run. Fun side project I wanted to try off after my thesis. It's useful since it shows where the code is non-deterministic.

Non-deterministic tests and where to find them: Empirically investigating the relationship between flaky tests and test smells by examining test order dependency Wrote my bachelor thesis for Pelab [4] in collaboration with Software Center [5]. The thesis sets out to implement a static code analyser in **Java** that detect different type of test smells that induce flaky tests.

IFS (Student project) Implemented a chatbot (Google Assistant Application) for IFS that integrated their endpoints, written in **JavaScript**. The aim of the project were to deliver a proof of work to explore the viability of new communication medium for their customers.

TECHNICAL STRENGTHS

Proficient	Python, NodeJS, C++, Java, React, HTML5, CSS,
Experience	TypeScript, Git, Bash, Jquery, mySQL, Linux, MongoDB
Familiar	Ruby, C#, Perl, C, php, R, Assembly
Curious	Rust, Go

EXTRACURRICULAR ACTIVITY

Co-Organzied "KVIT 2016" - an annual symposium & conference in Cognitive Science & IT for the students of Linköping University.

Trustee as course evaluator for the Student Association of Cognitive Science (KogVet) committee on education between Sep. 2014 - Dec. 2016.

Trustee as sponsor for KogVet social committee which arranged social activities and other events for the students of the Cognitive Science program between Mar. 2015 - Mar. 2016.

PERSONAL TRAITS & INTERESTS

- Dreams of becoming a Digital Nomad and living in Greece some day.

- Loves to travel, meeting new people, going on different kinds of journeys and hikes while abroad.

- Currently working on 3 different side projects that I hope could end up as a passive income in the future.

- Outgoing person that enjoy working as an individual as well as in group. From my experience it enables you do overcome obstacles much faster when dealing with non trivial tasks.

---

[4] https://www.ida.liu.se/labs/pelab/
[5] https://www.software-center.se/