Calle Engene   Software developer

📍 Malmö, Sweden   📱 0737 - 08 88 08   ✉ calle@namaka.co

🔗 www.calledev.com   🔗 stackoverflow profile

Introduction

I'm a commited and curious software developer with a focus on cloud and backend technologies.
I love to solve problems, learn new things, evolve and grow both personally and professionally. I enjoy working in teams, where I thrive when I can share and learn with others. I'm driven and enjoy new challanges.

I've always been a logic thinker, so the natural step was to take the path of software development. After a few university courses within front-end web development, Java and data security, I enrolled in the mobile app development program in Malmö Yrkeshögskola.
Before finishing the mobile app development program with Summa cum laude, I got a job at Capgemini where I got the chance to learn and work with well established clients.

Being a part of IKEA's digital transformation the past 3 years has been a great experience for me. I've learnt different backend cloud technologies, namely Google Cloud Platform, Elasticsearch, NoSQL, RDBMS, REST API creation and more. Working in hybrid systems where a legacy system being replaced by a new cloud service has been very stimulating, both working with multiple people accross systems but also architectually.
As time has progressed I've taken a greater role in the security and architectual discussions and decisions. In Customer Master I've led and developed the Find API, which is the most utilized API within Customer Master. I am an active community contributor and shared some of the know-how of Elasticsearch setup in GCP in my Medium article.

Since 2019 I work as an independent professional together with my partner in Namaka Studio.

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Projects

Business Customer Master (BCM), IKEA. 2020-04 - current
Development of CRUD API:s and migration of data and services from local ODB to Google Cloud Platform. Since we had to supply data to analytics teams, I've worked a lot with Bigquery and accompanying infrastructure. I've set up CI/CD pipelines (Github Actions), worked with infrastucture as code (Terraform), implemented common NPM packages in Artifactory, worked with Akamai CDN configurations to name some of the technologies. Because of my extensive knowledge of the IKEA landscape, I have a leading role and am involved in many architectual decisions on how to integrate BCM to other connecting systems such as SAP, IPOS, ISELL and more.

Private Customer Master, IKEA. 2018-10 - 2020-03
Main focus has been development of CRUD API:s and migration of data and services from on-premise to Google Cloud Platform.
My work also included data-transformation pipelines, RDBMS, NoSQL, Elasticsearch, Bigquery. While working with Big data, I've also learned Google Dataproc, Hadoop and pySpark. I lead the search functionality and set up an Elasticsearch cluster from open source, enabeling other systems to search for customer data. It is now the most used and appreciated API in Customer Master.

Solitru React Webapplication 2020-09 - current
Working in a startup, providing an IoT management plattform.

iOS application, eCare Nordic. 2018 - 2019
Worked with a startup within e-health to create two mobile applications.

Android application, Cybercom. 2018
Developed a BOT service to enable co-workers to book conference rooms on tablets by speech. The application was developed using Google Dialogflow and was later used at the office in Malmö.

iOS application, Priskartan. 2017
As part of a team of 3 developers and 1 designer, we developed an application to look at purchasing trends within the housing market in Sweden. We used Booli's API to fetch the data, graph generation and Apple Maps to present it in an easy way to the users.

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Skills	Google Cloud Platform
	Elasticsearch (ELK)
	Javascript
	Typescript
	Node.js
	Postgres
	Python
	Terraform
	pySpark, Hadoop
	iOS (Swift)
	Android (Java, Kotlin)
Certifications	GCP Professional Cloud developer, 2019
	GCP Associate Cloud Engineer, 2019
	Associate Android developer, 2018
Education	iOS & Android programming, Malmö Yrkeshögskola, 2017 - 2018
	Java programming, Luleå University, 7.5p 2017
	Webdesign: CSS, Umeå University, 7.5p 2017
	Webdesign: Javascript, Umeå University, 7.5p 2017
	Data security, Linköping University 7.5p 2016
Languages	Swedish, Native
	English, Full professional proficiency
	Italian, Limited working proficiency