CASIMIR DESARMEAUX
Platform Engineer / Software Developer

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Platform engineer with a strong software development background. Curious and adaptable person, capable of fulfilling multiple roles within a tech team. Enjoys problem solving and spends a lot of time thinking of better ways to use technology.

❊ CERTIFICATIONS

</> SKILLS

Programming	Python, Typescript, Javascript, Bash, SQL, Powershell, Go
AWS	Cloudformation, Lambda, EC2, S3, AWS Networking
GCP	Cloud Run, PubSub, GKE, CloudSQL, BigQuery
DevOps	Azure DevOps, Github Actions, Gitlab CI, Docker, Kubernetes, Infrastructure as Code, Automated Testing, Agile Tools

▥ EMPLOYMENT

Senior Backend Developer, Keyflow
2022-09 — Present
Stockholm, SE

Worked on Keyflow's customer backend and business applications as part of an agile team, ensured system availibilty and scalability
- Developed new features for the Keyflow customer API and business web-application
- Re-architected monolithic systems to containerized systems, boosting performance and scalability
- Implemented data collection systems in an event-driven way, enabling data-driven decision making

Projects: Customer Application Backend, Event Manager, Sales Metric Collection System, Service Breakdown and Migration, Payment Data Processing Tool
Technologies: AWS, GCP, Python, MongoDB, Postgres, Stripe, React, BigQuery, Kubernetes

Cloud Architect, Norges Bank Investment Management
2020-01 — 2022-01
London, UK

Part of the Cloud Services team. Built and operated the AWS cloud platform using state of the art technologies
- Built and implemented internal tools to accelerate AWS adoption and streamline operations
- Led developer teams in re-architecting systems for optimal cloud utilization
- Enabled automation through CI/CD practices and configuration management

Projects: AWS Account Vending Machine, AWS Subnet Vending Machine, AWS DNS Subdomain Vending Machine, AWS Log Collector, Summer Interns Programs
Technologies: AWS, Cloudformation, Python, Windows, Linux

Cloud Systems Developer, Cloudreach
2018-10 — 2020-01
London, UK

Worked on customer technical projects
- Drove the migration of multiple applications from on-premise datacenters to AWS
- Guided customers in transitioning their IT culture by fostering collaboration and agile methodologies, shifting from traditional models to a dynamic DevOps framework

Projects: Cloud Migration(*Norges Bank Investment Management*), Cloud Migration(*Aviva*)
Technologies: AWS, Cloudformation, Python, Windows, Linux, Ansible, Terraform, Puppet

Software Developer, Loutech Software (self-employed)
2017-07 — 2018-09
Paris, FR

Spent a year doing freelancing work, learned the fundamentals of managing a company (legal, accounting, marketing etc)
- Built robust web applications for customers, working on the full stack
- Managed the infrastructure for the customers and ensured high availability
- Wrote complex data aggregation scripts to extract and process data from large datasets

Technologies: Python, Typescript, Oracle, OVH Cloud, SQL, Gitlab CI, Oracle

Software Developer, ON Animations Studio
2016-09 — 2017-06
Montreal, CA

Worked in a small team of developers, working on in-house production tools and data management
- Built an internal production tool for streamlined asset sharing, enabling collaboration and feedback for animation movie production
- Leveraged NoSQL database for efficient management of asset attributes, likes, comments, etc.
- Developed a cost-effective solution for backing up S3 assets to local storage

Technologies: Angular, Typescript, Linux, S3, Couchbase, Python, Gitlab CI

★ PROJECTS

Open source developer, autodocstrings
Autodocstrings is a command-line tool to automatically update Python docstrings using the code-davinci-002 AI model.
Open Source, AI

Academic author, IEEE Publications
Wrote a paper in University about github projects using the Maven build tool

Mathematics tutor
Gave some mathematics lessons to high school students as a summer job

Occasional tech blogger, Medium

🎓 EDUCATION

B.Eng. in Software Engineering, McGill University, Faculty of Engineering
2011-09 — 2016-05

⚲ INTERESTS

| *Mathematics* | | *Football* | | *History* |