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Programming languages
Go
JavaScript/TypeScript
Python
Zig
C
Bash
HTML + CSS

Framework and Libraries
Vue.js
Django
Flask
Rollup
Vite
Numpy/SciPy
Matplotlib
Pion

Devops (Cloud + Infra)
IaaC (Terraform, Ansible)
Docker
AWS
GCP
Digital Ocean
Gitlab and Github CI
Prometheus
Grafana

Technologies
Win32 API
POSIX API
gRPC
Postgres/MySQL
NoSQL (Redis, Mongo)
SPARQL
WebRTC
WebSockets

Learning
Solidity, Ethers.js, and
Web3.js, HardHat, Geth,
Cosmos, Polkadot

Personal Statement

Full-stack developer with a strong foundation in devops and systems programming with a track record in Europe and North America of solving difficult engineering challenges and taking on leadership roles.

RECENT EMPLOYMENT HISTORY

Founder, Tractacus (Tallinn, Estonia)
(Oct 2023 - Present)
- Started a software solutions company through which I provide my services as a software developer.
- Diverse range of projects, some of which include:
    - Provision and manage infrastructure using Terraform and Ansible.
    - Develop CLI tools and microservices with Go.
    - Develop SPAs with Vue.
    - Develop static sites using Astro.

Lead Developer, Level (Asheville, USA)
(Nov 2021 - Feb 2023)
- *Main techs: C, Go, Win32 API, POSIX API, gRPC, WebRTC.*
- Promoted to leadership of the agent team (along with existing software development duties).
- Worked closely with the VP of Engineering in defining the product roadmap.
- Often did market analysis to see where we could be more competitive.
- Documented release cycles, producing changelogs.

Senior Developer, Level (Asheville, USA)
(Dec 2020 - Nov 2021)
- *Main techs: C, Go, Win32 API, POSIX API, gRPC, WebRTC.*
- Developed and maintained the cross-platform agent (remote monitoring software).
- Made heavy use of Win32 API, POSIX API for Linux and Mac with some ObjC APIs for Mac-specific stuff.
- Often required reading RFCs of video codecs, technical documentation regarding OS internals for Windows, Linux, and Mac and even figuring out how some undocumented features worked.

PAST EMPLOYMENT HISTORY

Full Stack Developer, Map of Ag LTD, (Oxford, UK)
(Apr 2017 – Sep 2020)
- *Main techs: Python, Go, TypeScript, Angular, Django, PostgreSQL, AWS, Terraform.*
- Heavily involved in the development of the company's flagship SPA app as well as the supporting REST APIs.
- Developed various CLI tools, such as for ETL and monitoring in Python and Go.
- Assumed many DevOps responsibilities including:
    - Modernize projects via containerization (Docker + ECS).
    - CI/CD pipelines (Bitbucket).
    - IaaC (Terraform/CloudFormation).

Full Stack Developer, This is language LTD, (Oxford, UK)
(Nov 2015 – Apr 2017)
- *Main techs: Codeigniter (PHP), Perch CMS, Redis, MySQL, Node.JS/Express, SCSS, AWS.*
- Taking projects from inception to completion; covering all parts of the site, both public-facing and for clients only.
- Worked on a wide range of projects, from CRUD interfaces and JavaScript games to statistical/data processing on Node.js.
- A great deal of sysadmin work was also involved such as: managing an nginx server and setting up Git hooks and a workflow for development work on the public-facing site.

Junior CRM Consultant, Content SORT, (Madrid, Spain)
(Mar 2015 – May 2015)
- Assisted the Senior consultant in the analysis phase of a CRM system implementation for a client company.
- Was in charge of the project's documentation such as the "Functional Requirements" document, as well as the meeting minutes.

Junior Developer, AD Global Corp, (Miami, USA)
(Feb 2014 – Dec 2014)
- *Main techs: Python, MySQL, smtplib.*
- Developed software that performed data mining and automated email sending (marketing campaigns).

Electronics Engineer (Intern), Dsign.T, (Germany)
(Oct 2013 – Dec 2013)
- Designed and implemented an FFT analyzer to measure the performance of a 24-bit A/D converter. Written in C.
- Based on a TMS320C674x processor. Required use of Assembler language.
- Designed and built circuits to aid in the analysis.
- Designed and implemented Python scripts for data analysis.