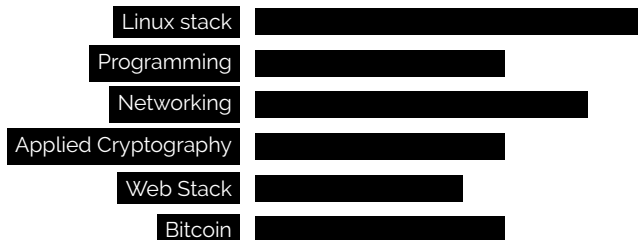# MARIJAN SVALINA

Software Engineer

Croatia / Osijek

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msvalina.org

github.com/msvalina

@msvalina

ABOUT

Marijan is a highly skilled Software Engineer with over a decade of professional experience in the tech industry. With a very strong foundation in Linux, networking, and shell scripting, Marijan has spent the last seven years honing his expertise in Python, web backend, and frontend development. His career trajectory showcases a consistent pursuit of excellence and innovation, having contributed significantly in various environments including corporate sectors, startups, and as a remote freelancer.

- Linux stack
- Programming
- Networking
- Applied Cryptography
- Web Stack
- Bitcoin

python   golang   shell   Docker   JS

EXPERIENCE

2022 – ongoing — **Cloud Operations - Remote Full Time** — **Bitstamp Ltd.**
Developed Ansible automation for optimizing CI/CD pipeline. Performed daily deployments to production. Enhanced observability by creating Ansible callback plugin for improved logging during automatic provisioning. Improved Golang tools for production troubleshooting.

```
/  AWS CloudFormation  /  EC2  /  ASG  /  ImageBuilder  /  Security Manager  /  Lambda  /  Python
/  Ansible  /  Automation Controller  /  Django  /  squashfs  /  Golang  /
```

2021 – 2022 — **DevOps & DataOps Team Lead - Remote Full Time** — **TVbeat Limited**
Managed Big Data ingestion, processing, monitoring, exports, automation, and deployments. Maintained Bare Metal infrastructure, capacity planning (400 high-end servers). Orchestrated nodes and containers.

```
/  GCP Storage  /  GCP IAM  /  Lua  /  Salt  /  GCP DataFlow  /  GCP PubSub  /  LXD/LXC  /
Consul  /  Grafana  /  Terraform  /  Nix  /  AWS S3  /  Hetzner  /
```

2020 – 2022 — **Firmware Engineer & Full Stack Dev - Remote** — **Sentinel A.G. - SPS Next Gen CPE Gateway**
Implemented backend and frontend API config based on Broadcom xDSL stack on OpenWRT. Created system config backup for both backend and frontend. Developed multi-WAN failover and WireGuard backend API.

```
/  OpenWRT  /  Shell  /  Node.js  /  Vue.js  /  Buildroot  /  Lua  /  Python  /  WireGuard
```

2013 – 2020 — **Full Stack Dev Remote** — **HyHelp A.G, Siemens, Trive, …**
More info -> HERE

EDUCATION & CERTIFICATIONS

2023 – 2024 — **AWS Certified Solutions Architect - Associate SAA-C03** — **Amazon Web Services**
Meet compentencies in designing, deploying, and operating highly available, high-performing, cost-effective, and secure systems on AWS.

2023 – 2024 — **Educational and licensing program** — **HANFA - Croatian Financial Services Supervisory Agency**
Capital markets, pension funds, brokerage and investment consulting

2018 – 2020 — **Behavior Design Coach Certification** — **Stanford University Behavior Design Lab**
Models and methods described by behavioral scientist BJ Fogg www.bjfogg.com

2010 – 2014 — **Master's Degree in Process Computing** — **Josip Juraj Strossmayer University Of Osijek**
Graduate Study Program in Computer Engineering, Process Computing, **mag. ing. comp**

2012 – 2013 — **CCNA - Cisco Certified Network Associate** — **Algebra Osijek**

LANGUAGES

Croatian - native
English - proficient

HOBBIES

Philosophy. Longevity. Meditation. msvalina.org/pages/about

MORE INFO

About experience, projects at msvalina.org/pages/expertise