

# VIKTOR PENKOV

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## PROFESSIONAL SUMMARY

Senior Software Engineer with 12+ years of experience across the full stack—from C/FreeBSD systems programming to modern cloud-native web and mobile architectures. Proven expert in revitalizing legacy codebases, architecting scalable platforms, and leading technical strategy in high-growth environments.

## EXPERIENCE

### farmerJoe GmbH

2021 – Present | Berlin, Germany

#### Senior Software Engineer (Solo Technical Lead)

Stack: TypeScript, Node.js, React, React Native, Firebase, GCP, CircleCI

- Full-Stack Ownership: Solely responsible for the end-to-end technical lifecycle of an agricultural data platform spanning Web, iOS, and Android.
- Legacy Revitalization: Successfully recovered and refactored a critical legacy codebase, implementing CI/CD pipelines to ensure stable, automated deployments.
- Strategic Design: Collaborated directly with C-level executives to architect new features and translate business goals into technical reality.

### GO2 Markets GmbH

2019 – 2021 | Berlin, Germany

#### Senior Software Developer (Solo Technical Lead)

Stack: Go, Python, AWS, Terraform, Docker, Nomad, Consul, Svelte, PostgreSQL

- Architecture & DevOps: Designed and monitored service products using Nomad and Consul; managed physical network infrastructure and cloud resources via Terraform.
- Data Engineering: Built data warehousing and analysis pipelines to support market intelligence.
- Team Growth: Led technical recruitment, headhunting, and interview processes to scale the engineering department.

### We Love Energy GmbH

2020 – 2020 | Berlin, Germany

#### Senior Software Developer (Solo Technical Lead)

Stack: PHP (LAMP), Bash, Vim, rsync

- Developed a lean energy-sector platform using a stable, high-performance tech stack to meet rapid market entry requirements.

### GoStudent GmbH

2018 – 2019 | Remote

#### Full Stack Software Developer

Stack: Node.js, Vue.js, GCP, Docker, Kubernetes, Couchbase, Redis

- Maintained and scaled backend services and back-office frontend applications for a high-traffic EdTech platform.

**SumUp GmbH**

*2016 – 2019 | Berlin & Sofia*

**Platform Software Team Lead / Developer**

*Stack: Ruby on Rails, Node.js, AWS, Terraform, PostgreSQL, RabbitMQ, Jenkins*

- Leadership: Promoted to Team Lead to build and empower the backend team in a high-stakes Fintech environment.
- SOA Design: Engineered robust web applications within a Service-Oriented Architecture (SOA) handling millions of transactions.

**EARLIER EXPERIENCE**

**Hostway Services, Inc | Junior Software Development Engineer**

*2014 – 2015 | Sofia*

- Designed RESTful APIs and automated tests using Python (Pyramid) and MS Azure.

**Smartcom Bulgaria AD | Junior Software Developer**

*2012 – 2014*

- Low-level development of network device features and drivers for FreeBSD 8 using C/C++.

**TECHNICAL SKILLS**

**Languages:** TypeScript, Node.js, Go, Python, Ruby, C/C++, SQL, Bash, Perl

**Frontend/Mobile:** React, React Native, Svelte, Vue, HTML5/CSS3

**Infrastructure:** AWS, GCP, Terraform, Ansible, Docker, Kubernetes, Nomad, CI/CD

**Systems:** Debian, FreeBSD, CentOS, MacOSX (Vim, Tmux, GNU Coreutils)

**EDUCATION**

**Technical University of Sofia**

Bachelor Degree in Informatics | 2015