

Jelena Kocić

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Profile

Software Engineer & Full Stack Developer with extensive experience in **applications, systems, and network programming**. Skilled in **Python, Node.js, Java, C/C++, Go, and React and Next.js**. Strong background in **AI model development, Generative AI, cloud infrastructure and services (AWS, Google), DevOps, MLOps, AIOps, security, and data engineering**. Adept at delivering scalable solutions across diverse environments, enjoying **remote, international, and cross-functional teams**.

Core Competencies

- **Programming & Development:** Python, Node.js, Java, Bash, C/C++, Go, React, [Next.js](#)
- AI, ML, RAG, and Data Engineering, AI development, integration, and deployment, web3, crypto, security constraints,
- **Cloud:** AWS, Google, Azure, Docker, Vagrant
- **Security:** Auth, identity and access management, security, and compliance frameworks (e.g., GDPR), IAM, endpoint security, API
- **CI-CD.** pipeline tools, scripting and automation (cmd, Terminal, PowerShell, Clouds Terminal, automated publishing, snap and Docker publishing, etc.)
- PaaS, SaaS, IaaS, PoC, API building and integration
- CloudFormation, CI/CD pipelines, Hybrid, Cloud and containerization, Automated Deployments, vpn scripted, MLOps, AIOps, DevOps, Python distribution and packaging, npm, webpack, grunt, SDK, CDK
- Data handling, collecting, cleaning, structuring, and analyzing large, complex data sets, SQL and NoSQL (Oracle, MySQL, PostgreSQL, MongoDB, DynamoDB, SQLite)
- **QA & Automation:** Design for security, automated testing, regression validation, release readiness
- Google Workspace (Docs, Sheets, App Script), Social apps
- Administration and development, OS (Linux, Windows), integrations across diverse environments
- GWT, PySpark, BigQuery, Snowflake, Databricks

Education

- **B.Sc. Electronic Engineering** — University of Niš, Serbia (1993–2002)
- **Master Certificate in Insurance & Risk Management** — MIB School of Management, Trieste
- **Management of Technologies** — Faculty of Management, Koper, Slovenia (2006)

Professional Experience

ZC Aleksinac, Serbia — *Network Engineer*

2024 – Present

Teacher, part-time

2020-2024

Codefacto, UK (Remote) — *Full Stack Developer*

2022

- Built training applications using AWS SDK/CDK.
- Developed scalable cloud-native solutions with strong security considerations.

Homesourcing, Norway (Remote) — *Full Stack Developer*

2020

- Developed serverless architectures in Node.js and Python.
- Built REST APIs and integrated PostgreSQL databases.

Bliss Vista, Dubai (Remote) — *Full Stack Developer*

2020

- Backend and frontend development using MERN stack.
- Delivered responsive, user-focused applications.

Allied Testing — *QA Integration Engineer*

2021

- Led RDB quality assurance and automated regression testing.
- Validated integration processes to ensure release readiness.

Olympus Marine Group (Remote) — *Web Developer*

2020

- Enhanced UI features using Cesium, WebGL, and D3.js.

- Improved web performance and visualization capabilities.

RedBurst — *Application Developer*

2016 - Developed GSM tracking solutions with Google Maps integration.

IMRepublic, Belgrade — *Application Developer*

2015 - Built analytics-driven web services and applications.

Net Effect d.o.o., Serbia — *Web Developer*

2013 - API development for visual representation and feature-driven web applications.

Miadria, Belgrade — *Google Search Appliance Consultant*

2012 – 2013

- Provided enterprise search maintenance and support.

Seavus, Niš — *Junior Developer*

2008 – 2010

- Developed telecom billing system web applications.

GAS&TEL, Serbia — *Lead Engineer*

2005 – 2007

- Managed telecommunications projects and engineering teams.

Dexon d.o.o., Niš — *Founder & Owner*

1993 – 2003

- Established a successful company.

Languages

- English — Fluent
- Italian — B2
- Serbian — Native

Keywords

Python, FastAPI, Flask, Node.js, JavaScript, TypeScript, Next.js, AWS, Google Cloud, Azure, API, Docker, ML, AI, Web3, Agile, Windows, Ubuntu, SQL, NoSQL, HTML5, Chrome Extensions, Google App Script, SDK, CDK, Android, DevOps, SysOps, MLOps, Debugging, Analytics