

Bojan Jagetić

SUMMARY

Highly skilled Senior Software Developer with over 7 years of experience in cloud-based solutions, specializing in Node.js, React/React native, and AI-driven applications. Proven expertise in backend development, cloud architecture, and scalable IoT systems. Extensive experience with AWS, database management, and messaging protocols. Demonstrated leadership in designing, implementing, and maintaining high-availability (HA) systems, with a focus on cutting-edge AI and hospitality solutions.

Core Technologies:

- **Programming:** Node.js, Java, TypeScript, JavaScript frameworks (Express, Sails, Kraken), React, Next.js, AngularJS (1.x), HTML, CSS
- **Databases:** MongoDB, Redis, PostgreSQL
- **Cloud & DevOps:** Amazon Web Services (EC2, S3, EFS, Route53, SNS, IoT Core, IoT Analytics, DynamoDB, CloudWatch), Docker, Kubernetes, Jenkins, Ansible
- **Messaging & Protocols:** HTTP, MQTT, WebSockets, RabbitMQ
- **Web Tools & Monitoring:** NGINX, Zabbix, Jenkins
- **AI & Machine Learning Integration**

PROFESSIONAL EXPERIENCE

October 2022 – Present

Software Developer (Cloud & AI) – Code Me Up / Ext. Truedigital, Novi Sad, Serbia

Project: AI-powered hospitality platform and cloud-based services.

- Spearheaded the development of a hospitality platform using **Node.js**, **Java**, and AI technologies, ensuring robust backend services and smooth integration of AI-driven features.
- Implemented microservices architecture to support AI-enhanced features like dynamic content recommendations, reservation management, and predictive analytics.
- Developed scalable and highly available backend services on AWS, focusing on EC2, S3, and CloudWatch for operational efficiency.
- Collaborated on AI model deployment, ensuring seamless integration into the cloud infrastructure.
- Worked on the frontend using **React.js**, creating responsive and dynamic user interfaces for client-side applications, ensuring seamless user experience across different devices.
- Developed and maintained mobile applications using **React Native**, enhancing cross-platform compatibility for iOS and Android.
- Key technologies used: **Node.js**, **React**, **Java**, **AWS**, **Docker**, **AI/ML frameworks**.

Position: **Full Stack Developer (Primarily Backend)**

Focus: **Node.js**, **Java**, **AI** in **Hospitality Project**

March 2017 – October 2022

Software Developer & DevOps Engineer – RTRK OBLO Living, Novi Sad, Serbia

Project: Cloud-based IoT solutions for smart devices integration.

- Developed a highly scalable cloud service to manage over 1 million MQTT clients and 100,000 virtual device gateways.

- Designed and implemented high-availability systems using AWS, EMQX brokers, RabbitMQ, and Redis clusters.
- Led initiatives for Docker container orchestration and cloud deployments, ensuring security and operational performance.
- Key technologies: **MEAN Stack, React, MQTT (EMQX, Mosca), AWS, Docker, Redis, RabbitMQ.**

Position: **Full Stack Developer, DevOps**

June 2016 – March 2017

Full Stack Developer – Ploush GmbH, Zürich, Switzerland

Project: Mass multiplayer event entertainment platform.

- Architected and developed a platform to enable real-time interaction with audiences at sports arenas, handling a high volume of WebSocket connections.
- Key technologies: **Node.js, Sails.js, MongoDB, Websockets, AWS EC2, AWS S3.**

April 2015 – June 2016

Full Stack & Mobile Developer – Greensoft Ltd, Novi Sad, Serbia

Project: Agriculture management software solutions.

- Developed mobile and web applications for agronomists to manage agricultural production, focusing on data visualization using GIS.
- Key technologies: **Node.js, React Native, Sencha, PostgreSQL, AWS.**

PROFESSIONAL SKILLS

OS Platforms: Linux (Ubuntu, Mint MATE), OSX

Software Development Environment: MS Visual Studio Code, IntelliJ IDEA, WebStorm, Eclipse

Version Control & Issue Tracking: Git (GitHub, GitLab, Bitbucket), SVN, Jira, Trello

DevOps Tools: Docker (Swarm, Kubernetes), Jenkins, Ansible

EDUCATION

2013 – Present

University of Novi Sad, Faculty of Technical Sciences, Department of Electrical Engineering and Computing

LANGUAGES

Serbian - Native

English

CERTIFICATION

- 2012 - "FCE", Issuing authority - Cambridge University Press
- 2018 - "Git/Gerrit Usage in Linux Environment", Issuing authority - RT-RK
- 2020 - "NodeJS: Advanced Concepts", Issuing authority - Udemy
- 2021 - "Docker Mastery: with Kubernetes + Swarm", Issuing authority - Udemy