

# Tijana Petrovic Senior Full Stack Engineer | React | Node.js | AWS

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## SUMMARY

Senior Full Stack Engineer with 5+ years of experience designing and scaling SaaS applications using React, Node.js, and AWS. Strong focus on backend architecture, API design, and performance optimization, improving system efficiency by 35–40% across production environments. Experienced in AI-powered workflow automation, delivering reliable systems that scale.

## SKILLS

**Frontend:** React, Next.js, TypeScript

**Backend:** Node.js, Express, REST APIs

**Cloud:** AWS (EC2, S3, Lambda, RDS, CloudWatch)

**Database:** MongoDB, MySQL

**DevOps:** Docker, CI/CD, GitHub Actions

**AI:** OpenAI API, Prompt Engineering

## PROFESSIONAL EXPERIENCE

### Full Stack Engineer – Independent Contractor

*BrainRocket*

2022 – Present  
Belgrade, Serbia | Remote

- Designed and scaled SaaS platforms serving 10K+ active users
- Owned backend architecture and REST API design
- Reduced API response times by 35–40% through database indexing and backend refactoring
- Built services handling 50K+ monthly requests
- Integrated OpenAI APIs to automate support workflows and chatbot functionality
- Managed AWS infrastructure with 99%+ uptime
- Implemented Docker-based deployments and CI/CD pipelines

### Full Stack Developer – Software Development Projects

*Comtrade Group*

2019 – 2022  
Belgrade, Serbia

- Delivered 8+ full-stack web applications including dashboards and SaaS platforms
- Designed scalable MongoDB schemas for high-volume systems
- Improved frontend performance and reduced unnecessary re-renders
- Contributed to Agile sprint planning and code reviews

### Junior Frontend Developer – Web Applications Team

- Built responsive React components for production web applications
- Translated UI/UX designs into functional interfaces
- Resolved UI bugs and improved cross-browser compatibility

2018 – 2019  
Belgrade, Serbia

## PROJECTS

### **AI Workflow Automation Platform**

- Integrated OpenAI APIs to automate customer support workflows
- Implemented context-aware prompts to maintain conversational continuity
- Reduced repetitive support workload through AI-assisted automation

### **Performance Optimization Initiative**

- Conducted MongoDB index audits and backend profiling
- Achieved 35–40% API latency reduction

## EDUCATION

### **Bachelor's Degree in Computer Science**

Alfa BK University | 2017