Vladimir V. Myadgeev

Full-Stack Developer (React/Node.js) with AI Integration Expertise

Armenia, Yerevan | Available for remote work

Experienced Full-Stack Developer specializing in React and Node.js with deep expertise in leveraging AI agents for accelerated development. Proven track record building scalable applications while actively integrating AI tools for code generation, optimization, and testing through structured prompts and context management.

Core Competencies

AI-Powered Development Expertise AI-FIRST

- **Prompt Engineering**: Implementing features/microservices/apps from initial prompts with systematic context management
- **AI Agent Integration**: Extensive experience with Cursor, Claude, Copilot, ChatGPT, Replit Agents, and other AI development tools
- **Development Automation**: Using AI for code generation, error analysis, module design, and automated testing
- **LLM Integration**: Experience with OpenAI, Claude, Ollama, and other LLM APIs for application development

- **AI-First Architecture**: Designing system architectures where AI effectively supports development teams

Technical Skills

- **Frontend**: React, Next.js, TypeScript, JavaScript, Redux, Tailwind CSS, GraphQL
- **Backend**: Node.js, NestJS, Express.js, REST APIs, GraphQL
- **Databases**: PostgreSQL, MongoDB, DynamoDB, with vector search implementations

DevOps & Testing

- **DevOps**: Docker, CI/CD pipelines (GitLab CI, GitHub Actions, Jenkins), AWS, Serverless
- **Testing**: Jest, TDD methodologies, automated testing with AI assistance
- **Other**: Linux administration, Nginx, Prisma

Advanced AI Integration Experience

- First to implement OpenAI Embeddings in production systems when vector search was emerging
- Built matching systems using OpenAI APIs and embedding technologies
- Integrated multiple AI APIs for real-world business applications
- Experience with LangChain, vector databases, and AI-powered search systems

Relevant Project Experience

Digital Twins Platform - Lead Core Developer / Acting CTO (2024-2025)

- Architected and developed core platform using TypeScript, Node.js, NestJS, and Next.js
- Implemented AI-assisted development workflows and automated testing protocols
- Led AWS infrastructure setup with Docker containers and CI/CD pipelines
- **Technologies**: TypeScript, Node.js, NestJS, Next.js, PostgreSQL, MongoDB, Docker, AWS, RabbitMQ
- Utilized AI tools extensively for code generation, refactoring, and architectural decisions

OpenAI-Based Matching System - Senior Full-Stack Developer (2022-2024)

- Pioneered implementation of OpenAI Embeddings for complex matching algorithms
- Designed system architecture that leveraged AI for optimization and data processing
- Integrated OpenAI APIs with Elasticsearch for vector search capabilities
- **Technologies**: TypeScript, Node.js, NestJS, OpenAI API, PostgreSQL, MongoDB, Docker, React
- Used AI tools for rapid prototyping, code optimization, and system design

Digital Document Exchange Platform - Full-Stack Developer (2020-2022)

- Developed SaaS platform with e-signatures, eKYC, and contract management
- Integrated ML platforms for facial recognition and document validation
- **Technologies**: TypeScript, Node.js, NestJS, PostgreSQL, GraphQL, Docker, AWS
- Leveraged AI for code review, testing, and system optimization

Cross-Gambling Loyalty Program - Team Lead / CTO Role (2017-2022)

- Advanced from developer to leadership position managing technical strategy
- Implemented Scrum methodology and led development planning
- **Technologies**: Node.js, React, Vue.js, MongoDB, Next.js, Drone CI
- Used AI tools for code generation and architectural decision-making

Key Achievements

- Successfully launched 3 startups with technical leadership roles
- Implemented first-of-kind OpenAI Embedding solutions in production environments
- Consistently leveraged AI tools for increased productivity and code quality
- Experience in both individual contributor and team leadership roles

- Deep understanding of AI-first development principles and context management

Education

Information Security, Moscow Technological University

Languages

- **English**: Advanced (B2-C1)
- **Russian**: Native
- **Armenian**: Native