

Donald Beqiri

Full-Stack Software Engineer | AI-Integrated Applications

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Full-Stack Software Engineer with 8+ years of experience designing and building scalable web applications using React, Next.js, Node.js, and TypeScript. Currently expanding into **AI-integrated application development**, building production-ready systems that leverage LLM APIs, RAG architectures, and vector databases. Strong background in RESTful and GraphQL APIs, database design (PostgreSQL, MongoDB), authentication flows, and HIPAA-compliant healthcare applications. Comfortable working in agile, enterprise environments with a focus on performance, reliability, and delivering AI-enhanced user experiences.

TECHNICAL SKILLS

Core Stack: React, Next.js, Vue.js 3, Nuxt.js, Node.js, Express.js, TypeScript, JavaScript, PHP, HTML5, CSS3, Tailwind CSS

AI / ML: LangChain, OpenAI API, Anthropic API, RAG Architecture, Vector Databases (Pinecone, ChromaDB), Prompt Engineering, Python, AI Agents

Backend & Data: REST APIs, GraphQL, PostgreSQL, MongoDB, Mongoose, JWT Authentication, Data Modeling, API Design

Tools & Infra: Git, Docker, Vercel, AWS (basics), CI/CD, Agile/Scrum, Adobe Experience Manager, WordPress

AI PROJECTS

AI Document Q&A Platform

Built a full-stack RAG (Retrieval-Augmented Generation) pipeline enabling semantic search across 10K+ documents. Implemented document chunking, OpenAI embeddings, and Pinecone vector database for retrieval, with a Next.js/React frontend and Node.js API layer. Achieved 95% retrieval accuracy on domain-specific healthcare documentation queries.

Stack: Next.js, React, Node.js, LangChain, OpenAI API, Pinecone, TypeScript, Vercel

AI Customer Support Agent

Developed an autonomous AI agent using the Anthropic Claude API with tool-calling capabilities, handling multi-step workflows including database lookups, email drafting, and ticket routing. Integrated with Express.js backend and PostgreSQL, reducing average support response time by 60% in testing.

Stack: Node.js, Express.js, Anthropic API, PostgreSQL, React, LangChain, TypeScript

AI-Enhanced Analytics Dashboard

Integrated natural language querying into a React/Node.js analytics dashboard, allowing users to ask questions in plain English and receive dynamic chart visualizations. Used OpenAI function calling for structured data extraction and Recharts for real-time rendering.

Stack: React, Node.js, OpenAI API, Recharts, MongoDB, TypeScript

PROFESSIONAL EXPERIENCE

Full Stack Software Developer

MDG Solutions, Boca Raton, FL | May 2025 – Present

- Developing and maintaining scalable web applications using Nuxt.js and Next.js, with a focus on performance, accessibility, and responsive design across healthcare clients.
- Building HIPAA-compliant interfaces and integrating AI-powered features for healthcare workflows, ensuring adherence to privacy and security standards throughout the development process.
- Designed and consumed Node.js/Express APIs handling authentication, data validation, and error handling for production applications; optimized frontend-backend integration reliability.
- Integrating APIs using Axios and GraphQL, managing asynchronous data flow and real-time content updates across multiple client projects.
- Participating in agile sprints, conducting code reviews, and mentoring junior developers on Vue 3, React, and state management best practices.

Technologies: React, Vue.js 3, Next.js, Nuxt.js, TypeScript, Tailwind CSS, GraphQL, Node.js, Axios, Git

Frontend Software Developer

PMP Marketing Group, West Palm Beach, FL | Oct 2024 – May 2025

- Developed custom WordPress themes using React, integrating dynamic components and custom Gutenberg blocks for improved content flexibility and editing experience.
- Implemented custom themes and plugins tailored to client requirements, improving site efficiency by 25% and maintaining 99% uptime across all client sites.
- Integrated SEO strategies using SEMrush and Yoast, enhancing search engine visibility and improving organic traffic through on-page optimization.

Technologies: WordPress, React, JavaScript, TypeScript, PHP, SQL, CSS, HTML, Git

Full Stack Software Developer

ARCHEOMETRA (Q8 Digital Services), Remote | Jan 2023 – Oct 2024

- Led UI/UX redesign for Q8's digital services, driving a 20% improvement in client management efficiency across e-commerce and back-office operations.
- Delivered a high-performance sales platform using Next.js and React with server-side rendering, achieving a 35% reduction in page load times and 25% increase in user engagement.
- Architected Node.js/Express.js backend services with REST APIs, GraphQL, and JWT authentication, handling data validation and third-party API integrations.
- Introduced Flutter with Dart for mobile development, expanding cross-platform capabilities and driving a 15% increase in mobile engagement.

Technologies: React, Next.js, TypeScript, Node.js, Express.js, MongoDB, Material UI, Flutter, Dart, AEM

Frontend Developer

OPTIMA ITALIA, Remote | Nov 2018 – Jan 2023

- Led a year-long React/Node.js project developing billing and invoicing systems, reducing client processing time by 40% and improving satisfaction by 25%.
- Completed a MERN stack sales analysis project providing actionable insights that drove a 10% increase in sales efficiency.
- Built internal productivity tools using React.js and JavaScript, increasing team productivity by 15%.

Technologies: MERN Stack (MongoDB, Express.js, React.js, Node.js), Bootstrap, jQuery, Angular, WordPress

IT Support L2

PROMARKETING | Sep 2016 – Nov 2018

- Managed network infrastructure (switching, routing, device management) contributing to 99% network uptime. Built LDAP infrastructure using OpenLDAP on Ubuntu Server.

EDUCATION

Bachelor's Degree – Computer Sciences

Faculty of Natural Sciences, Tirana | Nov 2014 – Apr 2020