DIVINE JOHN

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SUMMARY

Software and AI /ML Engineer skilled in backend and frontend development of web and mobile applications, data engineering, and AI-powered applications. Experienced in building scalable APIs, designing interactive user interfaces, and optimizing databases for high-performance. Passionate about delivering end-to-end software solutions, industry-grade products and collaborating in fast-paced, product-driven environments.

I'm passionate about continuously improving my coding skills, exploring new technologies, and contributing to impactful products..

EXPERIENCE

09/2022 - Present

Software Engineer (Contract)

EngiTech Nigeria - Software and Data Services | Remote

Technologies: JavaScript, Python**,** TensorFlow**,** PyTorch, Scikit-learn, Pandas, SQL, Next.js, Drizzle ORM, Neon PostgreSQL, Clerk, ShadCN, Tailwind, Google Generative AI, Vercel, Rende, AI/ML

- Designed, developed, and deployed AI/ML models based on client specifications, leveraging Python, TensorFlow, PyTorch, Scikit-learn, and Pandas to deliver intelligent data-driven solutions
- Engineered comprehensive backend APIs for critical business functions, including program tracking, voting system, membership management, and analytics, ensuring robust security and implementing secure email verification systems.
- Architected and developed an AI-powered Learning Management System (LMS) that automates the generation of dynamic study materials (e.g., flashcards, quizzes, personalized notes) through intelligent automation.
- Built secure and high-performance backend services utilizing Express, Next.js API routes, Drizzle ORM, and Neon serverless PostgreSQL, optimizing data interactions and ensuring seamless application functionality.
- Orchestrated end-to-end cloud deployments on Vercel and Render, optimizing application performance, scalability, and reliability, including efficient data ingestion and serving with Ingest Serve.
- Developed, trained, and deployed custom AI/ML models aligned with diverse client specifications, utilizing Python, TensorFlow, PyTorch, Scikit-learn, and Pandas to deliver intelligent solutions and insights.

01/2024 - Present

Software Developer

GoMyCode – Yaba, Lagos, Nigeria

Technologies: MongoDB, Mongoose, JWT, Cookies, Tailwind, Node.js, Express, React, Next.js, ShadCN, DaisyUI, JavaScript, TypeScript, Render,

Vercel.

- Led the full-stack development of a comprehensive e-commerce application, implementing critical features such as secure admin dashboards, seamless shopping cart functionalities, and integrated payment services.
- Mentored and guided interns and junior developers in modern full-stack development practices, fostering their growth in React, Next.js, Express, Database design, Authentications and backend API design.
- Delivered technical training and workshops on essential software development concepts including version control (Git/GitHub), Agile/Scrum methodologies, cloud deployment (Render, Vercel), and advanced algorithms/data structures, enhancing team capabilities and project efficiency.
- Engineered a real-time chat application utilizing React, Node.js, Express, and MongoDB, incorporating robust authentication (JWT) and multimedia handling (Cloudinary), while providing technical guidance on full-stack best practices.

SKILLS

Front End

- React.js, Next.js, React Native
- TypeScript, JavaScript (ES6+)
- CSS Frameworks: Tailwind CSS, ShadCN, DaisyUI
- State Management: ReduxTookit, Zustand, Context-Api

Back End

- Node.js, Express.js, Django REST Framework
- Development (REST API, GraphQL), WebSockets
- Authentication & Security(JWT, OAuth, Cookies, Sessions)

Database Management

- SQL (PostgreSQL, MySQL, SQLite)
- NoSQL (MongoDB, Firebase)
- ORM & Query Builders: Mongoose, Drizzle ORM, Prisma

DevOps & Deployment

- Cloud Services: Vercel, AWS, Firebase
- Serverless Computing (Neon Serverless, AWS)

AI/Machine Learning

- TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy,
- Model Training, Model Deployment, Data Preprocessing, Feature Engineering, Natural Language Processing (NLP)