Mohamed Ibrahim Mohamed Ahmed

⚲ Alexandria, Egypt ✉ modialmadih@gmail.com ▢ +249992442228 in in/almadih ☁ almadih.dev

SUMMARY

Experienced Full-Stack Software Engineer with 5+ years of expertise in building scalable web applications using Laravel (PHP) and Vue.js. Skilled in designing and integrating secure APIs, with additional experience developing backend services in Node.js (Express) and frontend solutions in React.js. Strong background in CI/CD pipelines, containerization with Docker, and DevOps practices to ensure reliable deployments. Proficient in MySQL and Python, with proven success in delivering high-performance applications.

EXPERIENCE

Fullstack Developer | Syntechia | Riyadh, Saudi Arabia | March 2025 - Present

· Engineered robust APIs and integrated third-party services to enhance application functionality and improve scalability across various platforms.
· Refined frontend components to elevate user interaction, resulting in streamlined navigation and improved customer satisfaction.
· Streamlined continuous integration and deployment pipelines by automating key stages, which minimized release cycles and supported rapid product iterations for enhanced delivery at Syntechia.
· Expanded code coverage through comprehensive unit and integration testing, bolstering system reliability and supporting higher deployment confidence for releases at Syntechia.

Software Engineer | Freelancer | Khartoum | October 2019 - Present

· Expertise in overseeing back-end development using PHP Laravel and Node.js Express, ensuring integrity, security, and efficiency.
· Experience writing code for new payment platforms, including user authentication, data storage, and server-side logic.
· Building fast, secure, and reliable APIs and integrating with existing web and mobile applications.
· Proven ability to troubleshoot and optimize code for performance and scalability.
· Strong understanding of best practices in back-end development and experience in delivering high-quality software.

Software Engineer | StrangeLogic | khartoum | August 2021 - January 2024

· Demonstrated ability to multi-task and deliver results, meeting project deadlines and organizational expectations.
· Extensive experience in designing, coding, and testing software using Python, across Windows and UNIX/Linux platforms.
· Proven ability to write clear, maintainable code, meeting specified requirements and adhering to software development best practices.
· Participated in code reviews and provided feedback to other developers.
· Troubleshot software issues and provided solutions.
· Provided customer support and answered customer inquiries effectively.

Backend Developer | KTL | Khartoum | May 2022 -November 2022

· Developed and delivered a logistics application for a client, automating manual tasks and improving shipping process.
· Implemented chat and tracking microservices for a client resulting in a 50% decrease in chat response time and a 200% increase in chat usage.
· Experience working with Node.js to build backend services.
· Utilized Agile methodologies to ensure timely delivery and client satisfaction.

PROJECTS

InfraReport | freelance | infra-report.almadih.dev/ | June 2025 - September 2025

· Built a **cross-platform mobile app (Flutter)** enabling users to report infrastructure damage with geotagged photos.
· Integrated **GPS and camera features** for accurate location-based reporting.

- Developed a **backend system (Laravel + PostgreSQL + PostGIS)** for storing and processing reports.
- Implemented a **web dashboard (Vue.js)** to visualize real-time data, heatmaps, and analytics.
- Delivered a **centralized platform** supporting NGOs and government agencies in damage assessment and situational awareness.

Bravo Tango | Strange Logic ltd

- Developed a web scraping software that searches and extracts LinkedIn profile URLs, current role, and company information based on user-provided role, location, and company.
- Implemented an algorithm to generate email addresses by combining the person's full name and company name, and used external service for validation.
- Offered both a command-line interface and API version, with API version utilizing a task queue for efficient processing and storage of results in a database.
- Provided an option for users to supply a webhook URL for real-time notification when the process complete.
- Utilized advanced techniques in web scraping and data processing to deliver a high-performing and user-friendly product that meets the needs of a diverse range of users.

TourPay | freelancer

- Developed a payment gateway project with wallet functionality.
- Implemented balance charging feature using various payment methods such as credit cards and PayPal.
- Designed compatibility with supported vendors through a separate mobile app.
- Enabled seamless integration with online stores as a versatile payment gateway option.

Domain Intelligence | Strange Logic ltd

- Engineered a distributed web crawling system, leveraging parallel processing to gather data from over 100,000 websites per day.
- Created an algorithm to efficiently clean, process, and store large datasets in a SQL database.
- Developed a robust API for efficient querying and retrieval of comprehensive datasets using advanced query optimization techniques.
- Designed and implemented a scalable architecture using data partitioning principles to ensure high performance across large data sets.

Dinnar Wallet | Freelance

- Developed a digital wallet application with a beautiful UI and a secure backend API.
- Implemented easy fund transfer functionality between wallets.
- Provided users with a variety of deposit options such as credit card, PayPal and cryptocurrency.
- Utilized cutting-edge technologies to deliver a high-performing and user-friendly product that meets the needs of a diverse range of users.

CrashPhone | freelancer

- Established an online store specializing in mobiles and accessories.
- Implemented user-friendly browsing features with diverse categories and options.
- Enabled easy ordering process for a seamless customer experience.

EDUCATION

Bachelor of Information Technology | University of Bahri | Khartoum, Bahri | 2021 | 3.45

SKILLS

Technical Skills: Javascript, JSON, Restful API, Node.js, Python, NoSQL, MongoDB, MySQL, Mysql, Nginx, PHP, React.js, Vue.js, Laravel, Linux, Debugging and search skills, Docker

Communication and interpersonal Skills: Critical Thinking, , Great Communication Skills, Problem Solving, Time management, Team work, Multitasking, Self Motivate