JUMA ALPHA

Software Engineer

📞 +254768031594   @ jumaalpha69@gmail.com   🔗 linkedin.com/in/jumaalpha   📍 **Location**: Nairobi

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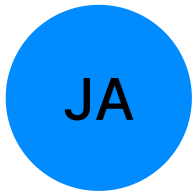
EXPERIENCE

Fullstack developer
ART POA ENTERPRISE

📅 03/2023 - Now   📍 Remote Part time

- Designed, developed, and maintained scalable websites and web applications using MERN stack, PYTHON and JAVA
- Developed responsive and user-friendly interfaces for web and mobile applications, ensuring cross-platform compatibility and excellent user experiences
- Ensured seamless integration of front-end and back-end systems while optimizing performance and scalability for diverse user environments
- Implemented and managed deployment pipelines and server configurations to ensure robust system performance and availability
- Configured, optimized, and maintained network infrastructure, ensuring secure and efficient connectivity across systems and applications
- Developed numerous web applications all found in my GitHub repository

Software Developer
ALVON SOLUTIONS

📅 15/06/2024 - Now   NAIROBI, KENYA

- Software Development: Designing, coding, testing, and maintaining application for clients meeting their needs
- Project Management: Overseeing development projects, setting goals, and ensuring timely delivery.Business Strategy: Planning the company's growth, services, and market positioning.
- Team Leadership: Managing developers, designers, and other team members.
- Client Relations: Engaging with clients, understanding their needs, and delivering solutions.
- Innovation & Research: Exploring new technologies, trends, and AI-driven solutions.

EDUCATION

Bsc Computer Science
Cooperative University Of Kenya

📅 12/10/2023 - NOW   📍 Nairobi   Expected Graduation: 2027

- Algorithm Design and Analysis
- Data Structures
- Software Architecture and Design
- Artificial Intelligence and Machine Learning -design and train models that allow
- Machine learning and artificial intelligence
- Database Defitinition and Development using various languages

Full Stack Web Developer with Mern Stack & Gen Ai
Mern Stack & Gen Ai, UDEMY

📅 01/10/2024 - 12/2024   📍 Location

- Graduated ON: UDEMY
- Acquired the following skills:
- Frontend Development (React.js)
- Backend Development (Node.js & Express.js)
- Database (MongoDB & MySql)
- Full Stack Integration
- Generative AI (Gen AI)
- Version Control & Collaboration (Git & GitHub)
- Algorithm Design and Analysis: I am capable in designing and analyzing algorithms for solving complex computational problems efficiently
  Database Management: Knowledge in working with database systems like SQL (MySQL, PostgreSQL) and NoSQL (MongoDB)
  Version Control: Git and platforms like GitHub, GitLab, or Bitbucket
- DOM manipulation and event handling
  Problem-Solving: Debugging and fixing issues efficiently

SUMMARY

Enthusiastic Computer Scientist with a solid foundation in computer science, cyber-security and data science specializing in building scalable applications and software development. I'm passionate about creating efficient back-end APIs, responsive web application interfaces, and well structured system architectures. Skill full at problem-solving, debugging, and implementing innovative solutions in collaborative, agile team environments. I thrive on using modern tools and technologies to develop impact full projects while continually learning and adapt to new challenges. Seeking opportunities to contribute my expertise in building user-centric, high-performance applications that drive organizational success.

KEY ACHIEVEMENTS

💎 **Software development**
Reduced page load time by 40% through code optimization.

💎 **Enhanced User Interfaces**
Increased user engagement by 30% via mobile app UI updates.

💎 **Web Application Development**
Developed 50 web applications with diverse technologies.

💎 **Ensured System Availability**
Managed deployment pipelines, improving uptime to 99.9%.

LANGUAGES

English
Advanced   ●●●○○

French
Advanced   ●●●○○

SKILLS

Agile   Algorithm Design   Algorithms   Apis

Artificial Intelligence   CyberSecurity

Data Structures   Database Management

Database Systems   Debugging

Deployment Pipelines   Express.js   Front-end

Git   Github   Gitlab   Machine Learning

Mongodb   Mysql   Node   Node.js   Nosql

PHP   Postgresql   React.js   SQL

FIND ME ONLINE

🌐 **Linkedin**
linkedin.com/in/jumaalpha

🌐 **Github**
github.com/jumaalpha

Soft Skills

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Networking & Security – Setting up Wi-Fi routers, LAN/WAN networks, and configuring firewalls and VPNs for effective networking in an organization.
CCTV Installation – Installing and configuring IP and analog CCTV camera systems.
Computer Hardware Maintenance & Repair – Assembling, upgrading, and repairing PC components such as RAM, SSDs, and motherboards.
Printer & Peripheral Maintenance – Installing, troubleshooting, and repairing printers, scanners, and projectors.
Cybersecurity & Ethical Hacking – Conducting penetration testing, setting up antivirus protection, and recovering lost data.
Embedded Systems & IoT – Setting up and programming Raspberry Pi, Arduino, and smart home systems.
Server Management – Configuring and maintaining web, database, and cloud servers.
Data Backup & Recovery – Recovering lost data from hard drives, SSDs, and flash drives.
Software & Driver Troubleshooting – Installing and updating drivers for hardware devices and troubleshooting software conflicts.

FIND ME ONLINE

Social Network: Portfolio
jumaalpha.github.io/Jumaalpha

Social Network
www.youtube.com/@juma_alpha