Joseph Afriyie Attakorah

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Website: https://github.com/jizzel | **Address:** R23 Community Nine, Tema, Ghana (Home)

ABOUT ME

Software Engineer with 4+ years of diverse experience in full-stack web development, programming language R&D, and a strong foundation in machine learning. Proficient in a wide range of technologies and skilled in building scalable web applications, RESTful services, secure backend systems, and Telegram chatbots. Proven track record of collaborating with international teams across Europe and Russia, consistently delivering impactful solutions in dynamic, cross-functional projects.

WORK EXPERIENCE

08/2021 – CURRENT Tallinn, Estonia
SOFTWARE ENGINEER TRADELINK TECHNOLOGIES

- Improving Tradelink's crypto trading platform by adding new features to the frontend (React/Vue) and backend (Node.js/Python), boosting user engagement.
- Streamlined backend processes and applied data optimization strategies to improve response times, meeting SLAs and maintaining stability under high traffic.
- Built a Python-based Telegram analytics bot and integrated with core systems, increasing engagement rates by 30%.
- Transformed mockups into fully functional web applications, improving user experience and reducing onboarding friction.
- Reduced deployment times by 25% through GitHub Actions and Docker, and proactively maintained application performance with Sentry, Grafana, etc.

24/01/2021 – 30/10/2021 Moscow, Russia
JAVA DEVELOPER (RESEARCH ASSISTANT) NRU HIGHER SCHOOL OF ECONOMICS (HUAWEI TECHNOLOGIES CO. LTD. - № TC202012080007)

- Contributed to Eolang's core features and runtime library, enabling efficient code translation and establishing a foundation for language adoption.
- Designed a Java interoperability mechanism for Eolang, expanding cross-language functionality and usability within Java ecosystems.
- Co-authored research articles, including a publication in *Procedia Computer Science*, advancing discussions on programming language development and best practices.

08/2017 – 09/2018 Tema, Ghana
SOFTWARE ENGINEER OVERCORE TECHNOLOGIES

- Designed and maintained web applications using the MEAN stack, implementing CI/CD practices to achieve faster release cycles and improved stability.
- Developed a unique WordPress theme tailored to a client's brand, boosting engagement and providing a scalable content framework.
- Mentored interns in web development, fostering technical skills and contributing to team capability.
- Partnered with product managers, designers, and QA teams to create user-centric features for a fintech web app, enhancing user experience.

EDUCATION AND TRAINING

08/2018 – 06/2020 Moscow, Russia
MSC SYSTEM AND SOFTWARE ENGINEERING National Research University Higher School of Economics

Website https://www.hse.ru/

05/2020

SITE RELIABILITY ENGINEERING: MEASURING AND MANAGING RELIABILITY, CREDENTIAL ID: LET3Z2X26AEX Coursera

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30/09/2012 – 13/05/2016 Accra, Ghana

BACHELORS IN COMPUTER SCIENCE WITH STATISTICS University of Ghana

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Website https://www.ug.edu.gh/

JOB-RELATED SKILLS

Job-related skills

- **Programming Languages**: Java, JavaScript, TypeScript, Python
- **Frameworks and Libraries**: Angular, React, Vue, Redux, NgRx, RxJS, Signals, Pinia, Node.js, jQuery, Tailwind CSS, DaisyUI, Bootstrap, Semantic UI, Styled-Components
- **Backend and Database Technologies**: MongoDB, SQL, RESTful Services, GraphQL, Apollo Client, SQL Database Design & Normalization, Maven
- **DevOps and Cloud**: Git, GitHub Actions, Docker, Kubernetes, Google Cloud Platform, DigitalOcean, Microsoft Azure, CI/CD, Agile Methodology
- **Machine Learning and AI**: TensorFlow, PyTorch, OpenCV
- **Web Design and UI/UX**: HTML5, CSS3, Figma UI Design, WordPress Theme Development
- **Other Skills**: Algorithms and Data Structures, Software Testing, Linux, Containerization, DevOps Practices