Joseph Attakorah

| Python, FastAPI | JavaScript, Node.js, Express.js, Nest.js, Angular, React | Cloud DevOps | AI |

Software Engineer with 5+ years of experience building full-stack, cloud-native applications, and automation tools. Adept at collaborating remotely across time zones and delivering business-critical solutions with measurable impact. Core strengths include JavaScript and Python development, as well as cloud infrastructure.

WORK EXPERIENCE

SOFTWARE ENGINEER | TradeLink Technologies, Remote, Tallinn, **Estonia** | 08/2021 – Current

- Led the development of scalable backend services for Tradelink's crypto trading analytics platform, resulting in 40% improved system performance and 99.9% uptime under 3,000+ concurrent users.
- Optimized backend processes and implemented data optimization strategies to improve response times, meet SLAs, and ensure stability under high traffic conditions.
- Designed & integrated a real-time Telegram bot using Python, increasing daily active users by 30%.
- Reduced deployment times by 25% using GitHub Actions and Docker, and implemented observability tools (Grafana, Sentry) to monitor and alert on performance metrics.
- Implemented new features and resolved critical bugs in a full-stack environment (Node.js, React, MongoDB), contributing to a 10% increase in customer satisfaction scores.
- Mentored 3 junior software engineers, guiding them through complex feature development, code reviews, and best practices, leading to a 25% improvement in team code quality and productivity.

    Key Technologies: JavaScript, React, Angular, Node, Python, and more.

SOFTWARE ENGINEER | Huawei Technologies Co. Ltd., Moscow, **Russia** | 01/2021 – 10/2021

- Implemented Eolang's core features and runtime library, enabling efficient code translation and establishing a foundation for language adoption.
- Designed and implemented Java interoperability for Eolang using the Java Reflection API to create runtime wrappers, enabling seamless integration with Java apps and expanding language usability.
- Co-authored a peer-reviewed academic paper published in *Procedia Computer Science*, sharing insights on language design and implementation strategies.

    Key Technologies: Java, Maven, Eolang, latex, and more.

FULL-STACK SOFTWARE DEVELOPER | Overcore Technologies, Tema, **Ghana** | 08/2017 – 09/2018

- Built client-facing web apps using the MEAN stack and set up CI/CD workflows that reduced deployment errors, improving delivery turnaround by 20%.
- Participated in code reviews, contributing to a culture of high code quality and identifying areas for performance improvement.

    Key Technologies: Angular, Express.js, Node.js, MongoDB, and more.

EDUCATION

MSc in Software Engineering | HSE University, Moscow, Russia | 08/2018 – 06/2020

Thesis: A Program for Optical Flow Estimation Based on Deep Learning Approaches

Key Technologies: PyTorch, TensorFlow, Python, Machine Learning, and more

BSc in Computer Science | University of Ghana, Accra, Ghana | 09/2012 – 05/2016

CONTACT DETAILS
Email: jaattakorah@gmail.com
LinkedIn: https://bit.ly/3U2s1c1
GitHub: https://github.com/jizzel
Home Page: https://attakorah.com

TECHNOLOGIES
Languages & Frameworks: Python, JavaScript, TypeScript, Node.js, Express.js, FastAPI, NestJs, Aiohttp
Frontend: React, Angular, Tailwind CSS, NgRx, Redux, RxJs
Database: PostgreSQL, MongoDB, Redis
DevOps & Cloud: Docker, GitHub Actions, GCP, AWS, Digital Ocean, Prometheus, Grafana, Kubernetes
Architectures: REST, GraphQL, Microservices, Message Queues (BullMQ)
Tools: Git, Figma, OAuth2.0, Prisma, TypeORM

CERTIFICATIONS
Site Reliability Engineering: (Coursera, 2020 - Credential ID: LET3Z2X26AEX)

LANGUAGES
English (Native)

Interest/Hobbies
Table Tennis
Social Media Content Creation
Video Editing

Soft Skills
Strong communicator, self-motivated, effective team collaborator, experienced mentor with leadership in cross-functional teams, and demonstrates a continuous drive to learn, acquire new knowledge, and adapt to evolving technologies.

18/02/2025

Recommendation letter for Joseph

Dear colleague -

I hope this finds you well.

I'm writing to you to **strongly endorse** Joseph for a technical role in your company.

We are a social venture that supports young aspiring talents from non-European countries in finding a challenging tech job in Germany. We run a **highly selective** digital boot camp for full-stack developers, data scientists/engineers and software automation testers. Over the course of the program, we identify candidates whose talent, passion and work ethic significantly stand out from their peers.

Joseph is an outstanding Full stack engineer who ranks in the top 10% of our peer group.

Communication skills: **Strong –** validated in multiple rounds of 1:1 interviews

Technical skills: **High & up to date –** on par with candidates in Germany

EU 'Blue Card' eligibility: **Yes -** University/degree fully recognized - very smooth visa process

Maturity: **Mid-level: (3+ to 5 years experience)**

Please feel free to reach out to me personally at emma@joinimagine.com or via LinkedIn in case of any questions.

Warm regards & herzliche Grüße -

Emma Felsenstein | Co-Managing Director

Imagine Foundation e.V. | Talent without borders

We are a community of Tech & HR professionals who believe in the power of diversity. We coach hundreds of engineers each year and connect our most promising Fellows with leading firms in Europe.