OBO-NWAKAJI ARTHUR
Senior Full Stack Software Engineer

SUMMARY

A versatile Full Stack Software Engineer with five-plus years of hands-on experience in several phases of the Software Development Lifecycle. Notable strengths include proficiency in Python and JavaScript, expertise in backend development with Django, Flask, Node.js, and frontend projects using React.js, Next branding. Equipped with practical knowledge in deploying applications on cloud platforms such as AWS, Digitalocean, and Azure, and leveraging Docker and Kubernetes for containerization. The engineer has a solid foundation in database design and querying, using PostgreSQL, MySQL, Elasticsearch, and Redis as data stores. Adept in Agile methodologies, the candidate presents an impressive track record of implementing robust web services and maintaining REST APIs, with a penchant for mastering new technologies and complex problem-solving.

TECHNICAL SKILLS

Main Technical Skills	Python (4 yr.), JavaScript (4 yr.), Django, Flask, Node.js
Programming Languages	JavaScript (4 yr.), Python (4 yr.)
Python Frameworks	Django, Flask
JavaScript Frameworks	Express, Node.js
Data Analysis and Visualization Technologies	Data Scraping
Databases & Management Systems / ORM	AWS ElasticSearch, MongoDB, MySQL, NoSQL, Redis
Amazon Web Services	AWS EB (Amazon Elastic Beanstalk), AWS ElasticSearch
Web/App Servers, Middleware	Apache HTTP Server, Nginx
Methodologies, Paradigms and Patterns	Architecture and Design Patterns, Dependency Injection, FDD, Scrum
Virtualization, Containers and Orchestration	Docker Swarm
Version Control	Git
Deployment, CI/CD & Administration	GitLab CI
Operating Systems	Linux, Unix, Windows
	RESTful API

SDK / API and Integrations	
Mail / Network Protocols / Data transfer	WebRTC

WORK EXPERIENCE

Lead Software Engineer, Color Detection Model Development

Duration: Oct 2022 – Present
Summary: Collected a dataset of images and videos for training and testing a color detection model, involving manipulation of images and videos with machine learning models.
Responsibilities: Data collection, training Machine Learning models, images and videos manipulation, feature extraction from images for use in machine learning algorithms.
Technologies: Django, Machine Learning

Backend Engineer, Backend System Development

Duration: May 2019 – September 2022
Summary: Developed WebSocket-based project with industry standard API development, created nearby location search engine, and REST APIs for social profile data crawling.
Responsibilities: Developing WebSocket technologies, implementing a search engine with Elasticsearch, REST API Development using Django, Flask, Node.js, communication between Express.js and React.js, writing task queue for data crawling.
Technologies: Django, Flask, Node.js, Elasticsearch

Fullstack Engineer, Fullstack Web Development

Duration: Jan 2018 – May 2019
Summary: Designed stunning websites, developed user interactive web pages, and consumed APIs for web platforms.
Responsibilities: Website design using JavaScript, API design and consumption with Django and Flask, development of interactive web pages, translation of business requirements into code, unit testing.
Technologies: Vue.js, JavaScript, HTML, CSS, Django, Flask