DAVID CARKSON AGBOR

Address: Lagos, Nigeria. • Phone No. +234 8138824521 • Email: carksontech@gmail.com
• Linkedin profile   • GitHub

Software Engineer Professional (SEP)

EDUCATION

National Institute of Technology (NIIT),FESTAC, NIGERIA

DIGINXT-MMS Software Engineering (2020-2024)

CORE COMPETENCIES

- ❖ Expert in Programming languages: Python, JavaScript, Java, PHP
- ❖ Frameworks: Django, React, next.js
- ❖ Database mastery: SQL, MongoDB
- ❖ Cloud platforms: AWS
- ❖ APIs Development: RESTful APIs, FASTAPI
- ❖ Front-end development: HTML, CSS, Bootstrap, Tailwind CSS
- ❖ DevOps & CI/CD: Docker, Kubernetes, Jenkins, GitLab CI/CD
- ❖ Testing Frameworks: Pytest, Jest
- ❖ Security Practices: JWT, OAuth2
- ❖ Version control: GitHub, GitLab

SOFT SKILLS

- Ability to analyze complex problems, design efficient solutions, and implement them.
- Collaboration with other team engineers, designers, and stakeholders to deliver successful projects
- Effective communication of technical concepts to both technical and non-technical audiences.
- Mentoring junior engineers, guiding team members, and contributing to the overall success of the team.
- Thoroughly reviews code, identifies bugs, and ensures accuracy in software development.

CAREER SUMMARY

- ❖ Software Engineer professional with over 4 years of experience. Well-versed in designing, developing and maintaining software application. Adept in Django and Python for backend development, as well as React, HTML, CSS, and JavaScript for user interface design. Proficient in database management with SQL and MongoDB, integrating RESTful APIs, cloud computing with AWS, ensuring application performance and security. Strong command of version control using GitHub, and experienced in delivering high-quality solutions through Agile methodologies. Possesses additional expertise in PHP and Java, allowing for flexible project solutions. A dedicated team player committed to continuous improvement and innovative project contributions.

PROFESSIONAL EXPERIENCE

Python and Logic Building instructor   **2024 – Date**
National Institute of Information Technology

- With a rigorous training program, I successfully graduate a minimum of 20 students every 2 months, with a consistent track record of producing high-caliber professionals. (Wave Academies2023-2024)
- Design and develop engaging lesson plans, assignments, and projects to teach Python programming and logic building concepts.
- Review students' code, provide constructive feedback, and guide them in improving their coding skills.
- Offer one-on-one mentoring and support to students, helping them overcome challenges and achieve their learning goals.
- Develop and refine the Python and logic building curriculum, ensuring it is relevant, effective, and aligned with industry standards.
- Create and update course materials, including textbooks, slides, and online resources.
- Design and implement assessments, quizzes, and exams to evaluate students' understanding of Python programming and logic building concepts.
- Hold regular office hours to provide additional support and guidance to students.
- Collect and respond to student feedback, using it to improve instruction and student outcomes.
- Monitor students' progress, identifying areas where they may need additional support or review.
- Manage the classroom environment, ensuring it is conducive to learning and respectful of all students.
- Grade assignments, quizzes, and exams, providing timely and accurate feedback to students.
- Deliver high-quality instruction to students, providing clear explanations, demonstrations, and guidance on Python programming and logic building techniques.

Carksontech Academy	**May-December 2023**

Full Stack Training Program

- Trained individuals on full stack development, equipping them with the skills and expertise needed to design, develop, and deploy dynamic web applications.
- Frontend development using HTML5, CSS3, JavaScript, and frameworks like Bootstrap
- Backend development using Python, Django, and related technologies
- Database management and integration
- API design and development
- Deployment and maintenance of web applications
- By the end of the program, trainees gained hands-on experience and a comprehensive understanding of full stack development, preparing them for successful careers in the tech industry.

BluedartexpressLOgisticaOr	**September-2023**

Python (Django) Backend Dev

- Built a fully functional logistics website from scratch, utilizing Python, Django, REST API, HTML5/CSS3, Bootstrap, and JavaScript.
- Integrated the frontend and backend components seamlessly, ensuring a smooth user experience and efficient data exchange.
- Developed custom features and functionalities to meet the client's specific requirements, including [list specific features, e.g., tracking system, payment gateway, etc.].
- Implemented scalable and efficient solutions to ensure high performance, even with a large volume of users and data.
- Maintained detailed documentation of the development process, including code comments, API documentation, and technical guides.

Sankies Enterprise	**FEBRUARY-2023**

Python (Django) Backend Dev

- Utilize Django to design, develop, and maintain a scalable, efficient, and well-documented backend architecture for the Sankies.
- Create RESTful APIs using Django Rest Framework to interact with frontend applications and third-party services.
- Design, implement, and manage databases using Django's ORM (Object-Relational Mapping) system, ensuring data consistency and integrity.
- Design, implement, and manage databases using Django's ORM (Object-Relational Mapping) system, ensuring data consistency and integrity.
- Collaborate with DevOps teams to deploy the backend application to production environments, ensuring smooth operation and performing maintenance tasks as needed.