

## Oriel Kiplangat

### Software Engineer

Creative Thinking | Strategic Insights and Influence | Executive Leadership | Administrative and Organizational Skills | Computer & Software Proficiency | Strong Decision-Making Skills | Strong Analytical Skills | Risk Management Skills | Data Collection | Data Analysis | Time Management | Excellent Communication & Interpersonal Skills

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Portfolio: <https://kiplangat-oriel.netlify.app> Github: <https://github.com/orii-blackmark>

### PROFESSIONAL PROFILE

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I am a highly motivated and adaptable software developer, specializing in web development. I am currently studying mobile application programming, Machine Learning and various other software engineering skills. My dedication to continuous learning and professional growth drives me to excel as a software engineer. With a solid foundation in software development principles and technologies, I possess the knowledge and skills necessary to design and develop innovative software solutions effectively. Throughout my academic journey at Kabarak University, where I study Bachelor of Science in Information Technology, I have become proficient in various software development methodologies, programming languages and application development tools. This expertise enables me to approach software challenges with creativity and precision. I thrive in dynamic environments, relishing the opportunity to work on diverse projects related to web and mobile application development, Artificial Intelligence and more. I am always eager to tackle new challenges in the field of software engineering and expand my skill set.

#### Professional Strengths:

- ☒ **Creative Problem Solving:** Ability to solving complex problems, whether it's debugging code, optimizing algorithms or finding innovative solutions to meet user needs.
- ☒ **Strong Programming Skills:** Proficiency in various programming languages such as Python, Java, C++, PHP, JavaScript which is crucial to efficiently write, debug and maintain code.
- ☒ **Web Development Expertise:** Knowledge of web development technologies like HTML, CSS, and JavaScript
- ☒ **AI and Machine Learning Knowledge:** I have an understanding of AI and machine learning concepts can be advantageous for developing intelligent software solutions, such as recommendation systems or predictive analytics.
- ☒ **Software Architecture and Design:** The ability to design scalable and maintainable software architectures ensures that applications are robust and can adapt to changing requirements.
- ☒ **Database Management:** Proficiency in database management systems (SQL, NoSQL) is crucial for storing, retrieving and managing data efficiently.
- ☒ **Agile Software Development:** Familiarity with Agile methodologies

- ☒ **Version Control Systems:** Competence in version control tools like Git and Github which helps to manage codebase changes, collaborate with team members and track project history.
- ☒ **Strong Analytical Skills:** Analytical skills are essential for debugging code, optimizing algorithms and evaluating the performance of software applications.
- ☒ **Excellent Communication & Interpersonal Skills:** Effective communication crucial for collaborating with team members, understanding project requirements and providing clear documentation.
- ☒ **Time Management:** Time management skills which help to meet project deadlines, prioritize tasks effectively and balance multiple responsibilities.

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## PROFESSIONAL EXPERIENCE

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### **INDUSTRIAL ATTACHMENT** | May – August 2023

#### **Huduma Centre Bomet**

##### Key Contributions:

- ☒ Providing technical support to end-users addressing hardware and software issues
- ☒ Assisting in monitoring and maintaining the company's network infrastructure
- ☒ Installation of Operating system (Windows 7, Windows 8, Windows 10, Windows 11).
- ☒ Installation of Microsoft Office application program.
- ☒ Providing technical support to end-users addressing hardware and software issues.
- ☒ Assisting users with software installations, account setups and password resets.
- ☒ Identifying root causes of issues and providing step-by-step guidance to resolve them.
- ☒ Using remote access tools to troubleshoot and resolve issues on users' computers from a centralized location.
- ☒ Guiding users through the process of granting remote access permissions.
- ☒ Logging and tracking technical support requests using the company's ticketing system and ensuring timely follow-up and resolutions of open support tickets.
- ☒ Providing basic training to users on newly installed software applications to enhance their proficiency
- ☒ Assisting with customer queries
- ☒ Troubleshooting network connectivity issues and problems of network cables.

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## EDUCATION

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**B.Sc. Information Technology** | 2020 - 2024

Kabarak University

**Kenya Certificate of Secondary Education (K.C.S.E)** | 2016 - 2019

Sigor Boys High School, (B- Minus)

Kenya Certificate of Primary Education (K.C.P.E) | 2008 - 2015

Bomet Township Primary School

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## CERTIFICATIONS

Certificate in Data Science with R

Kabarak University

Certificate in Artificial Intelligence and Tensor flow

Kabarak University

Certificate in Health Information Systems

Centre for health Informatics Kabarak university

Certificate in computer packages, entrepreneurship, Responsible E-waste management and hardware basics

Huawei & Computer for schools Kenya

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## INDUSTRY EXPERTISE

- ☒ Programming Languages: Java, C++, Python, JavaScript
- ☒ Web Development: HTML, CSS, Js
- ☒ Web Development Frameworks : React, Laravel PHP, Tailwind CSS
- ☒ Database Management: SQL.
- ☒ Version Control: Git
- ☒ Agile/Scrum methodologies
- ☒ Strong teamwork and communication skills

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## STRENGTHS

- ☒ Risk Assessment and Interpretation

Knowledgeable in risk identification, analysis, planning, monitoring, reporting and control.

- ☒ Problem-Solving

Creative professional seasoned with strong analytical skills, ability to identify problems and draft simple structured solutions.

- ☒ Detail-oriented

Ability to pay close attention to detail

- ☒ Leader and collaboration

Ability to Simplify complex and ambiguous situations to deliver consistent, compelling, innovative and definitive solutions

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#### REFEREES

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