Computer Science Engineer # YONAS KUMELACHEW	Phone: (+251) 943 318 895 Email: Yonaskumelachew0@gmail.com https://github.com/yonasKu https://www.linkedin.com/in/yonas-kumelachew-458256259 Address: Addis Ababa,Ethiopia

Professional Summary

Highly skilled and detail-oriented software development professional with a strong background in coding and system development for Mobile and Web applications. Proficient in in-demand programming languages.I am committed to contributing to the success of any project..

Skills

Technical Skills	Software Tools
ML: Data Analysis & Visualization,Machine Learning & Predictive Modeling ,Deep Learning Frameworks,Time-Series Forecasting Web and App development : React , Angular, Reactnative , Python , HTML,CSS,Javascript Node, Basic Networking Skills,	Development: PyCharm, Visual Studio Code, Jupyter Notebook Data Analysis & ML: MATLAB, MLflow Version Control & Collaboration: Git, GitHub. Deep Learning Frameworks: TensorFlow, PyTorch, Database Tools: MySQL, PostgreSQL Other Tools: Docker,

Work Experience

Assistant Head of IT – East Africa Pharmaceuticals, Ethiopia (Addis Ababa)   2024 – Present
- Oversee IT operations, ensuring efficient infrastructure performance and alignment with organizational goals.
- Lead system upgrades and manage IT projects to enhance operational capabilities.

Senior Mobile App developer - Mellys Fashion and Trading - 2024-02-01 / 2024-06-30
- Spearheaded the design, development, and maintenance of an all-in-one e-commerce chat application, improving customer engagement and sales.
- Collaborated with cross-functional teams to integrate real-time messaging and E-commerce features.

ERP & Web App developer - KEN-techno , Ethiopia (Addis ababa)- 2023-08-15 - 2024-04-30
- Designed and deployed a comprehensive ERP system using ERPNext, streamlining internal operations and improving efficiency.
- Developed a restaurant website using WordPress, implementing SEO strategies that boosted online visibility and customer reach.
- Enhanced project management skills and achieved critical milestones in application development and deployment.

Projects

CNM App – React Native
- Developed a navigation app tailored for large campuses and warehouses, enabling efficient real-time location tracking and route optimization.
- Enhanced user experience with intuitive interfaces and seamless functionality.

Fraud Detection for E-Commerce and Banking Transactions
- Built robust machine learning models using MLflow for tracking experiments and tools like SHAP and

LIME for model explainability..

- Improved fraud detection transparency and accuracy, leading to more secure transaction processing

Education

Bachelor of Science in Computer Science and Engineering
Adama Science and Technology University, Ethiopia
October 2018 – June 2023

- Gained a strong foundation in algorithms, data structures, machine learning, and software development

Certifcations

Cisco Certified Network Associate (CCNA) – Cisco June 2022

10 Academy's KAIM 2 Training – 10 Academy - November 2024

Completed a 12-week intensive program focused ondva anced AI mastery, including machine learning,

deep learning, and real-world AI project development.