



BEKRY MOHAMMED

DATA ENGINEER

A Data engineer with excellent programming skills in HTML, CSS, JavaScript, and python. I possess a very good understanding of databases, frameworks and version control. - I have 12 years of experience in Engineering, teamwork and collaboration with international teams. I am excited to join a dynamic software developer team in the tech sector so that I can advance and make a difference.

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- GitHub repository: <https://github.com/bky201/>
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EDUCATION

April 2023 – November 2023

Diploma in Full stack Software Development
Code Institute, GmbH, Berlin, Germany
Full Stack Software Development

September 2019 – July 2021

MASTER OF SCIENCE in Data Engineering
Jacobs University Bremen, Germany

- All aspects of data engineering and ML process, including building ETL pipelines, and preprocessing

- Selected courses: Big Databases and Cloud Services, Machine learning, Data Visualization

October 2003 – July 2008

BACHELOR OF SCIENCE , Electrical Engineering
Jimma University, Ethiopia

-signal processing, computer programming, computer networks, communication engineering

SKILLS

Programming: HTML / CSS / Java-script / Typescript / Python / Node.js

OS: Linux / Windows / Shell Script / Bash (Unix Shell) / Linux Commands

Database : SQL / MySQL / PostgreSQL / MongoDB / Cassandra

Version control: Git / Github

Frameworks: Django / jQuery / Bootstrap

Library: ReactJS / Redux

DATA ENGINEERING PROJECTS

- * Designing and implementing various concepts and components in the data engineering.
GitHub - https://github.com/bky201/Data_Engineering_Capstone_Project.git
Technologies used – relational databases, NoSQL data stores, data warehouses, data pipelines, Linux shell scripting, SQL, Python
- * Implementing AI/ML models for various data analysis methods and compare the result of each implementation for sales prediction.
GitHub - <https://github.com/bky201/Data-Analysis-study.git>
Technologies used – Python, Git, GitHub
- * Implementing AI/ML models using auto-encoders to compress and reconstruct input data on various types of images and texts datasets.
GitHub - <https://github.com/bky201/Auto-Encoders>
Technologies used – Python, Git, GitHub
- * CI/CD Pipeline : GitLab - <https://github.com/bky201/ci-cd-gitlab.git>
- * Docker and Kubernetes - <https://github.com/bky201/docker-kubernetes.git>

FULL STACK PROJECTS

- * My-events : Full Stack website for sharing events photos.- GitHub - <https://github.com/bky201/events-api.git>
Technologies used – HTML5 , CSS, React, Python, Django rest framework, Bootstrap, Unittest, Git, Github, Heroku
- * Hotel Room Booking: Full Stack website for Hotel Booking system.- GitHub - <https://github.com/bky201/HotelBooking.git>
Technologies used – HTML5 , CSS, JavaScript, Python, Django, Bootstrap, Unittest, Git, Github, Heroku

HACKATHON PROJECTS

- * **CODE WARS: THE HACKATHON STRIKES BACK** Hackathon in May 2024 organized for 6 days by Code Institute.
- Collaborated with a team to develop “The_Fork_Awakens” quiz game app.
Github - https://github.com/bky201/the_fork_awakens.git
Technologies used – HTML5 , CSS, JavaScript, Figma, Fontawesome, Git, Github, Netlify
- * **CUPID’S CODE QUEST** Hackathon in February 2024 organized for 6 days by Code Institute.
- Collaborated with a team to develop “The Love Bugs app” that enables couples to unite together.
Github - <https://github.com/bky201/the-cupid-bugs.git>
Technologies used – HTML5 , CSS, JavaScript, Python, Django, Bootstrap, Balsamiq, PostgreSQL, Git, Github, Heroku
- * **BUDGET BUSTERS** Hackathon in January 2024 organized for 6 days by Code Institute.
- Collaborated with a team to develop an app that enables users to track their finances efficiently.
Github - <https://github.com/bky201/jan24-hackathon.git>
Technologies used – HTML5 , CSS, JavaScript, Python, Django, Bootstrap, Miro, PostgreSQL, DALL.E 3, Git, Github, Heroku

WORK EXPERIENCE

January 2022 – January 2023 Gorillas Operation Rider	Gorillas Operation Germany GmbH & Co KG Bremen, Germany <ul style="list-style-type: none">- Delivery of Goods to customers.- Product quality and expiry date checking.- Ware house product organization and storage.
September 2021 – December 2021 Fulfillment Center Associate	Amazon Logistik Achim GmbH Bremen, Germany <ul style="list-style-type: none">- Inbound dock, products distribution.- Stowing and storing items inside pods.- Bar code scanning and product checking
July 2020 – July 2021 Working Student	DPD Deutschland GmbH VZ Bremen, Germany <ul style="list-style-type: none">- Inbound dock, products distribution.- Outbound dock storing items inside container.
September 2017 – July 2019 Electrical Engineer	EDNA MALL HTS PLC Addis Ababa, Ethiopia <ul style="list-style-type: none">- Performed data analysis and created visualization dashboards.- Plan and monitor project progress.- Prepared weekly progress reports
January 2014 – September 2017 Freelancer	China Railway Construction Engineering Addis Ababa, Ethiopia <ul style="list-style-type: none">- Supervision project execution on site.- Prepared material request for site execution.- Tested and Handed over completed projects.
March 2009 – June 2013 Electrical Engineer	Alsaad General Contracting Jeddah, Saudi Arabia <ul style="list-style-type: none">- Installed electrical systems for Automation of Buildings.- Installed Fire alarm and Voice evacuation systems.- Tested and Handed over completed networking systems.

CERTIFICATION

- Coursera: Introduction to NoSQL Databases (18 hours)
- Coursera: Hands-on Introduction to Linux Commands and Shell Scripting (14 hours)
- Coursera: Introduction to Relational Databases (RDBMS) (15 hours)
- Udemy : Agile Fundamental Including Scrum and Kanban - 2021 (4.5 hours)
- Udemy : Cloud Computing with AWS Amazon Web Services (10 hours)
- Udemy : Docker and Kubernetes The Practical Guide (23.5 hours)
- Udemy : Build React Node AWS MERN Stack Real Estate Marketplace App (19 hours)
- Udemy : The Complete JavaScript Course 2023: From Zero to Expert! (69 hours)
- Udemy : The Complete 2023 Web Development Bootcamp (65.5 hours)
- Udemy : Web Scraping in Python BeautifulSoup, Selenium and Scrapy 2022 (9 hours)
- Udemy : Complete React Developer in 2023 (with Redux, Hooks, GraphQL) (42.5 hours)

LANGUAGES

English: Expert
German: Intermediate
Tigrinya: Native
Amharic: Expert
Arabic: Expert

INTEREST

- Playing football: Engaging in the exhilarating sport of football provides an active outlet for physical fitness, teamwork, and the joy of competing.
- Watching movies: The captivating experience of watching movies allows for immersion in different narratives, Emotions and visual storytelling.
- Spending time with friends: Sharing moments and creating cherished memories with friends fosters connections, laughter, and a sense of belonging in a supportive social circle.