



BEKRY MOHAMMED

FULL STACK DEVELOPER

A Data Engineer with excellent programming skills in python, HTML, CSS, and JavaScript. I possess a very good understanding of databases, frameworks, Data Pipelines, 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.

bekrye@gmail.com Germany 25.12.1984, in Tigray, Ethiopia

- Personal website / Portfolio: <https://bky201.github.io/resume/>
- GitHub repository: <https://github.com/bky201/>
- LinkedIn: <https://www.linkedin.com/in/bekry-mohammed/>

EDUCATION

April 2023 – October 2023

Diploma in Fullstack Software Development
Code Institute, GmbH, Berlin, Deutschland
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: Python / Shell Script / Bash (Unix Shell) / Linux Commands

OS: Linux / Windows /

Database : SQL / MySQL / PostgreSQL / Database Security/ Database Servers / database administration / MongoDB / Cassandra

Version control: Git / Github

Pipeline: Apache Kafka / Apache Airflow / Extract Transform and Load (ETL) / Web Scraping / Data Pipelines

Library: Numpy / Pandas / Data Analysis / Jupyter notebooks

Framework: Apache Spark / Apache Hadoop

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

PORTFOLIO 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

- * **Battleship Game**: Interactive Game between user and computer.- GitHub - <https://github.com/bky201/battleship-game.git>

Technologies used – Python, Heroku, Github

- * **Dice Step game**: Interactive Game uses random guess to create a path.- GitHub - <https://github.com/bky201/step-game.git>

Technologies used – HTML, CSS, Javascript, Github, Fontawesome

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

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| 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: Getting Started with Data Warehousing and BI Analytics (16 hours)
- Coursera: Relational Database Administration (DBA) (21 hours)
- Coursera: Hands-on Introduction to Linux Commands and Shell Scripting (14 hours)
- Coursera: ETL and Data Pipelines with Shell, Airflow and Kafka (16 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)
- Coursera : Introduction to Data Engineering (12 hours)
- Coursera: Python for Data Science, AI & Development (25 hours)
- Coursera: Python Project for Data Engineering (9 hours)
- Coursera: Introduction to Relational Databases (RDBMS) (15 hours)
- Coursera: Databases and SQL for Data Science with Python (20 hours)

LANGUAGES

Tigrinya: Native
English: Expert
German: Business Fluent
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.