

ADENIYI BELLA

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Skills

Programming skills (Implementations available on portfolio website).

- HTML, CSS and Javascript used for building my professional portfolio. (link above).
- Node JS using express framework for building a movie api web service.
- React framework for building client server app.
- Git version control system for tracking versions of my code base.
- Git, Heroku and mongodb atlas for online hosting.

Other skills

- Good communication skills.
- Good problem-solving ability.
- Good team player.
- Ownership qualities.
- Good leadership skills.
- Adaptability.
- Creativity.

Hobbies

- A big soccer fan. I support Arsenal football club.
- Doing sports: Badminton, Table tennis, playing soccer.
- Self-development.

Experience

Sept 2022 – Present

Full stack web development program at Career foundry

- I improved greatly my software development skill taking this program. It made doing my current job much easier.
- With the knowledge gained, I could build and deploy some apps from scratch using MERN stack and hosted with git and heroku.
- I also created an API for one of my app with its documentation.

Jan 2022 – Present

BIM Developer at Wolff&Mueller (construction firm)

- I could automate a lot of manual processes which helped to improve the work flow, workers performance and experience.
- I switched the code base from synchronous to async JS. This ensured that we could switch to the new version of the SaaS product the team relied on.
- I introduced code quality checks with linters into our workflow. This improved the readability of codes, ensured a standard is followed across board.

July 2021 – November 2021

AI Quality assurance at Conxai (construction firm)

- With my domain knowledge, I provided qualitative analytics from live feeds obtained from the construction site. This was important for the company to know what to concentrate on.
- I identified possible use cases that optimized workers productivity and ensured safety on the construction site.
- Breaking down of complex construction activities into smaller events which are then utilized by the AI Engineers.

Oct 2020 – Oct 2021

Research Asst at Technical University Munich

- I worked with a group of PhD researchers in the topic of 3D scanning of buildings and applying AI in construction.
- I created building models in blender, labelled them into different classes, and fed the classes to a ML model for semantic segmentation and classification of the classes.
- I created a script in python that helped to optimize the number of scanning points required for a 3D laser scanner.

2017 - 2019**Asst construction manager/Data analyst at Adron homes and property, Lagos Nigeria.**

- Participated in the delivery of over 10 real estate projects.
- Attended meetings and discussed project details with clients, contractors, asset owners and stakeholders.
- Used data to come up with investment decisions such as predictive models, time series.
- Negotiations for the leasing of buildings.

2014 - 2017**Asst Construction manager at Brunelli Construction company, Lagos Nigeria**

- Organization and reporting of projects.
- Optimized quality control and assurance procedures by introducing 3-point checks.
- Cost benefit analysis and alternative solutions to project designs (saved millions of naira).

Education

2020 – Nov 2022**MSc Civil Engineering**

- MSc Civil Engineering at Technical University Munich.
 - Thesis topic: Labelled Property graph (using neo4j) or RDF (using graphDB) as a graph data model for linking construction data.

2007 – 2012**BSc Civil Engineering**

- BSc Civil Engineering at FUNAAB Nigeria.

Personal Motivation

A creative and innovative individual with outstanding soft skills, logical comprehension and always eager to learn new skills in a challenging and competitive work environment, where my wealth of experience, education and competence can be used to serve the organization better while enriching my career.