


ADENIYI BELLA

CIVIL ENGINEER/SOFTWARE DEVELOPER/SOLUTION ARCHITECT

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✉ adeniyibella@gmail.com

📍 Berlin, Germany (Open to Relocation).

 [linkedin](#)

 [Github](#)

 [Portfolio](#)

PROFILE

A Civil Engineer with many years of experience in the construction industry. I learned software development to support the technological advancement in solving some of the challenges faced in the construction industry. These challenges include stagnant productivity, cost overrun, rework due to poor project execution. The knowledge acquired (academically, professionally and self development) is very much applicable in other professional industries.

PROFESSIONAL EXPERIENCE

Wolff & Mueller GmbH, Stuttgart, Germany

12/21 -
Present

JAVASCRIPT DEVELOPER/PROCESS AUTOMATION

- Switched the code base from jQuery to react framework and synchronous to async JS. This ensured that we could switch to the new version of the SaaS product the team relied on.
- Learned how to use blender software to edit 3D building models. This saved almost €3,000 per model, as the company initially outsourced this task.
- Created an algorithm that helps to track how often workers use different software solutions. This helped the company to prioritize what software to keep and not keep.
- Optimized several processes, which reduced the number of clicks required to complete a task. This improved the workflow and productivity of workers by 50%.
- Introduced git version system and code quality checks with linters into our development cycle. This helped to track and manage the code base, improved the readability of codes, and ensured a standard is followed across board.

Conxai ConTech Start-up, Munich, Germany

07/21 -
12/21

AI QUALITY ASSURANCE/SOLUTIONS ARCHITECT

- Provided qualitative analytics from live feeds obtained from the construction site. This was important for the company to know in what direction to focus.
- Identified possible construction activities that tracked workers' productivity and ensured safety on the construction site. This was important as it was one of the solutions introduced to prospective clients.
- Breaking down complex construction activities into smaller events which are then utilized by the AI Engineers. Since AI Engineers have little or no knowledge of construction, this breakdown proved useful to them to do their job properly.

SKILLS

- JavaScript/HTML/CSS
- React/Angular/Redux
- Node JS/Express framework
- TypeScript
- SQL/MongoDB/GraphQL
- Python
- Rest API
- AI Quality assurance
- Heroku/Git/Netlify

REFERENCES

- Dr. Krishna Sridhar
 - Founder & CTO @Conxai start-up
 - [LinkedIn](#)
- Florian Noichl
 - PhD candidate (TUM)
 - florian.noichl@tum.de

LANGUAGES

- ENGLISH - Native
- GERMAN -
 - Listening: B1
 - Speaking: A2

Technical university munich (TUM).

10/20 - 10/21 **RESEARCH ASSISTANT**

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

EDUCATION

Career foundry school, Berlin, Germany

07/22 -
01/23

FULLSTACK DEVELOPER.

- Designed a movie app where users can sign up, login, add favorite movies to their profile, update user details and delete users' details.
- Designed the server side of the movie app with express framework and a REST API implementation.
- Designed the front-end side using React, Redux, Typescript, and a client-side routing.
- Deployed the movie app on the web using atlas MongoDB for data storage, Netlify for front-end hosting, and Heroku for server-side hosting.

Technical University Munich

03/20 - 11/22

M.SC. CIVIL ENGINEERING

- **Thesis Topic:** LPG or RDF as graph data for modelling construction data