

MELVIN NZEKWE

Frontend Developer

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📍 Nigeria, Anambra

SUMMARY

Passionate Software Engineer with experience in developing web applications and backend systems. Skilled at writing clear, concise code that is easy to maintain and troubleshoot. Experienced in working with both small and large teams across multiple projects and companies. Able to work independently of remote locations or in office environments as needed by the company.

What's the one thing that makes you the best candidate for this job?

PROFESSIONAL EXPERIENCE

Lead Software Engineer

2021 - Present

Blackbaud

Austin, TX

- Successfully converted whole project from python 2 to 3.8.0
- Scripted unique test plans, test scripts and processes to remove previously known redundancy by 40% and ensured predictable outcomes
- Developed a desktop application to automate database testing process, improved efficiency by 65%
- Automated process to create usage graphs, saving \$500,000 / year & increasing accuracy

Senior Software Engineer

2017 - 2021

Wayfair

Austin, TX

- Moved the automation solution into a commercial software (\$60k/year)
- Designed and developed reusable software components which used in 3 different project with reducing development effort by 50%
- Re-engineered critical modules within a sprint to rely on a centralized library to optimize performance by 68%
- Rated with the best annual performance rating for all the years during my stint; given to top ~5% employees

Software Developer

2015 - 2017

Target

Austin, TX

- Helped to increase the accuracy of the reporting systems by 4%
- Delivered configuration management tools to track server settings for performance testing which saved 25% of initial machine setup
- Developed monitor reports that are using in-memory cache, updating the data shown to the user every 1 second
- Optimized customer resources and reduce turnaround time by 20%
- Performed root cause analysis for more than 10 issues to identify bugs and rolled out fixes to production within 24 hours

Web Developer

Date period

ALX

Africa

- Which of your achievements match the job you're applying to?

EDUCATION

Executive MBA, Engineering Management

2010 - 2011

The University of Arizona

Tucson, AZ

Bachelor of Science, Computer Science

2020 - 2023

Chukwuemeka Odumegwu Ojukwu University

Anambra, Nigeria



ACHIEVEMENTS

Spearheaded a \$12M software project

from design to distribution as a senior software engineer in a 12-people team

30% improved query efficiency

by designing and fully revising the two largest MySQL databases

Coordinated a year-long release of a six-part platform project

with marketing, BA, QA, and sales department.

Chatbot implementation

Developed a chatbot which helped customer to reduce costs by 240% in their customer service department

SKILLS

Tools

Python · mySQL · JavaScript ·

HTML and CSS · React · Typescript ·

GitHub · Git Version control ·

Responsive design · WordPress ·

UI/UX design

Operating Systems

Linux · Windows

STRENGTHS

★ Gold Medalist

Was awarded a gold medal for 5 years of consecutive excellence in academics (2005-2010)