Nesrine Kabachi

Junior Software Engineer
Full-stack web developer

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QUALIFICATIONS

QUALIFICATION 1:
BUILDING FULLY RESPONSIVE WEB APPLICATIONS AND WEBSITES

- Proficient in developing fully responsive web applications and websites using a wide range of programming languages, including HTML, JavaScript, CSS, React.js, and Next.js.
- Skilled in crafting user-friendly and visually appealing interfaces that adapt seamlessly across devices and screen sizes, ensuring an exceptional user experience.
- Experienced in front-end and back-end development, combining technical expertise with a keen eye for design to create polished and functional digital products.

QUALIFICATION 2:
PROGRAMMING WITH PYTHON, FLASK, AND SQL

- Skilled in writing and building programs using Python and the Flask framework, enabling good web application development.
- Able in using APIs to integrate third-party services and data sources, enhancing the functionality and interactivity of applications.

TECHNICAL PROJECTS

Project 1: Quizy

https://nesrinetech.github.io/Quizy-my-web-app-game/

I developed Quizy, a web application that engages users with geography-related questions and challenges their knowledge.

Project 2: Front-End Interface Website

https://nesrinetech.github.io/Front-end-testing-skills/

I created a visually appealing front-end interface website that showcases my design skills and demonstrates my skills in HTML, CSS.

Project 3: AI Article and website Summarizer web application

https://sensational-pavlova-397fed.netlify.app/

A tool utilizing natural language processing to generate concise and informative summaries of articles.

Project 4: Developer Descriptor

https://nesrinetech.github.io/Developer-Descriptor-using-js-/

I designed and developed the "Developer Descriptor," an interface web page that shares information about some programmers and their skills.

SKILLS

- HTML
- CSS
- JAVASCRIPT
- PYTHON
- PHP
- NODE.JS
- NEXT.JS
- REACT
- SQL

WHAT I LEARNED FROM CS50X 2023: INTRODUCTION TO COMPUTER SCIENCE

Course Overview: A comprehensive introduction to computer science and programming, covering various topics from algorithmic thinking to web development.

Week0-Scratch: I learned the fundamentals of programming by creating interactive stories and games with Scratch.
Week 1 - C: Dive into the C programming language, mastering its syntax and principles.
Week 2 - Arrays: I explored data structures and algorithms, focusing on arrays and their applications.
Week 3 - Algorithms: I studied sorting and searching algorithms to solve complex problems efficiently.
Week 4 - Memory: Understand memory management in C, including dynamic memory allocation.
Week 5 - Data Structures: Explore more advanced data structures such as linked lists, stacks, and queues.
Week 6 - Python: Transition to Python, covering its syntax and usage in problem-solving.
Week 7 - SQL: I learned about databases and SQL, including querying and database design.
Week 8 - HTML, CSS, JavaScript: Dive into web development, including front-end technologies and web design.
Week 9 - Flask: Build web applications using Python and the Flask framework.
Week 10 - Emoji: Exploring Emoji in Modern Communication.
Week 11 - Cybersecurity: Cybersecurity and Data Protection.
Week 12 - Final Project: I created a substantial project that showcases my newfound skills.

EDUCATION / TRAINING / CERTIFICATES

- **CS50x 2023**
  - Certificate: [https://certificates.cs50.io/1a54b9cb-1830-4b9e-89ef-ad06698d8289.pdf?size=letter]
  - Description: I completed the renowned CS50x 2023 course from Harvard University, gaining a strong foundation in computer science and programming.

- **CS302: Software Engineering**
  - Certificate: [https://learn.saylor.org/pluginfile.php/1/tool_certificate/issues/1692026667/3250481809RK.pdf]
  - Description: I successfully completed the CS302: Software Engineering course, acquiring essential skills in software development and engineering practices.

- **Disability Orientation (Training Related to Web Development)**
  - Certificate: [https://agora.unicef.org/mod/certificate/view.php?id=4302&action=get]
  - Description: I earned a certificate from UNICEF for completing training focused on web development and accessibility for individuals with disabilities.

- **Web Accessibility Training (UNICEF)**
  - Certificate: [https://agora.unicef.org/mod/certificate/view.php?id=62763&action=get]
  - Description: I obtained a certificate from UNICEF after completing the Web Accessibility Training, demonstrating expertise in creating web content accessible to all users, including those with disabilities.

- **Elements of AI Certificate (University of Helsinki) | (From Minna learn)**
  - Certificate: [https://certificates.mooc.fi/validate/6eze6dcgud2]
  - Description: I obtained a certificate from the platform MinnaLearn after completing the Elements of AI Training .

- **IBM training: Python for Data Science, AI & Development (Coursera)**
  - I learned how to describe Python Basics including Data Types, Expressions, Variables, and Data Structures.
  - Apply Python programming logic using Branching, Loops, Functions, Objects & Classes.
  - Demonstrate proficiency in using Python libraries such as Pandas, Numpy, and Beautiful Soup.
  - Access web data using APIs and web scraping from Python in Jupyter Notebooks.

- **IBM training : Introduction to Web Development with HTML, CSS, JavaScript (Coursera)**

  - I learned how to describe the Web Application Development Ecosystem and terminology like front-end developer, back-end, server-side, and full stack.
  - Create and structure basic web pages using HTML and style them with CSS.
  - Develop dynamic web pages with interactive features using JavaScript.