

Abdallah Abdelrahman

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ABOUT ME

Software Engineer with over 5 years of experience in the tech industry. Proven track record of ensuring the quality and reliability of software products through comprehensive testing and analysis. Adept at implementing testing strategies, identifying defects, and collaborating with cross-functional teams to deliver high-quality software solutions. Proficient in utilizing various testing methodologies and tools to streamline the testing process and enhance product performance. Known for strong analytical skills, attention to detail, and commitment to continuous improvement. Passionate about delivering exceptional user experiences and contributing to the success of dynamic projects.

EDUCATION AND TRAINING

2013 – 2018 Khartoum, Sudan
SOFTWARE ENGINEERING Sudan University of Science and Technology

Website <https://www.sustech.edu/>

07/2023 – CURRENT San Fransico, United States
SOFTWARE ENGINEERING Holberton School

Website <https://www.holbertonschool.com/>

LANGUAGE SKILLS

Mother tongue(s): **ARABIC**
Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

WORK EXPERIENCE

2024 – CURRENT Riyadh, Saudi Arabia
FRONTEND ENGINEER AND QUALITY ASSURANCE PULSE PLANNING

- Develop and implement comprehensive test plans, test cases, and test strategies for recruiting platform to ensure the quality and reliability of frontend applications.
- Conduct thorough manual and automated testing of web applications across multiple browsers, platforms, and devices to identify and report defects.
- Collaborate closely with frontend developers, designers, and product managers to understand project requirements and ensure that quality standards are met throughout the development lifecycle.
- Perform functional testing, regression testing, performance testing, and usability testing to verify frontend functionality, performance, and user experience.
- Write clear and detailed bug reports, track defects through resolution, and verify fixes to ensure that issues are addressed effectively.
- Continuously monitor and analyze frontend performance metrics and user feedback to identify areas for improvement and optimize the user experience.
- Stay updated on industry best practices, emerging technologies, and frontend testing tools to enhance testing processes and methodologies.
- Participate in code reviews, design reviews, and sprint planning meetings to provide input on testability, quality, and scalability aspects of frontend features.
- Contribute to the development and maintenance of automated testing frameworks, scripts, and tools to increase testing efficiency and coverage.
- Act as a quality advocate within the frontend development team, promoting a culture of quality, collaboration, and continuous improvement.

- Collaborate with stakeholders to gather requirements, analyze user needs, and design solutions for an e-learning platform that meets educational objectives and enhances the learning experience.
- Develop, maintain, and enhance both frontend and backend components of the e-learning system, ensuring scalability, performance, and reliability.
- Implement user-friendly interfaces and interactive features using modern frontend technologies such as HTML, CSS, JavaScript, and frameworks like React or Angular.
- Design and develop RESTful APIs and backend services using server-side technologies such as Node.js, Python to support data management, user authentication, and content delivery.
- Integrate third-party APIs, tools, and services to extend the functionality of the e-learning platform, including multimedia content, assessment tools, and learning management systems (LMS).
- Implement responsive design principles and ensure cross-browser compatibility to deliver a seamless learning experience across devices and platforms.
- Write clean, modular, and maintainable code following best practices and coding standards, and conduct code reviews to ensure code quality and consistency.
- Implement security measures to protect user data, prevent unauthorized access, and ensure compliance with data protection regulations.
- Conduct thorough testing, including unit testing, integration testing, and end-to-end testing, to identify and fix bugs, ensure functionality, and validate performance.
- Collaborate with UI/UX designers, content creators, and subject matter experts to create engaging, interactive, and pedagogically sound learning materials and assessments.
- Participate in Agile development processes, including sprint planning, daily stand-ups, and retrospectives, to deliver features incrementally and respond to changing requirements.

- Design, develop, and maintain scalable, responsive, and secure web applications from frontend to backend using modern technologies and best practices.
- Collaborate with cross-functional teams including designers, product managers, and other engineers to translate business requirements into technical solutions and deliver high-quality software products.
- Architect and implement robust backend systems, databases, APIs, and microservices to support frontend features and functionalities.
- Write clean, maintainable, and well-documented code following coding standards and software engineering principles to ensure code quality, readability, and maintainability.
- Perform unit testing, integration testing, and end-to-end testing of frontend and backend components to identify and fix bugs, ensure functionality, and maintain code integrity.
- Optimize application performance, scalability, and security by analyzing and optimizing code, database queries, and server configurations.
- Implement and maintain CI/CD pipelines, automation scripts, and deployment processes to streamline development workflows and ensure continuous integration and delivery of software updates.
- Act as a technical mentor, provide guidance, and share knowledge with junior developers, contribute to code reviews, and participate in team discussions to foster a collaborative and learning-oriented environment.

● **DIGITAL SKILLS**

Programming Languages

C programming language | Python | Nodejs | JavaScript

Frontend technologies

HTML | CSS

Automation and devops

Bash scripting | puppet | Docker | Git | CI/CD

Databases

MySQL | PostgreSQL | Sqlite | MongoDB

frameworks and libraries

flask | sqlalchemy | express | Reactjs

operating systems

windows | Linux

API

Graphql | RESTful API

Testing

Unit Testing (xUnit) | integration-testing | end2end testing

● COMMUNICATION AND INTERPERSONAL SKILLS

Clear and Effective Communication

Active Listening

Collaboration and Teamwork

Adaptability and Flexibility

Problem-Solving and Critical Thinking

Time Management and Prioritization

● PROJECTS

2024 – CURRENT

PTA for job linking

The application links between candidates and recruiters in one unified platform. It provides ATS scanning integrated with AI tools to give candidates better insights about their resumes. Moreover it filters qualified candidates for recruiters seeking employees.

Link <https://pta-sa.com/>