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Top Skills

Compilers

TypeScript

Rust

Certifications

Computer Security and Systems
Management

Front-End Web Development with
React

Introduction to HTML5

Front-End Web UI Frameworks and
Tools: Bootstrap 4

Server-side Development with
NodeJS, Express and MongoDB

Honors-Awards

Training Certificate

Machine Learning APIs

Monzer Omer

Back End Developer at Smart Care | Open to work
Shendi, River Nile, Sudan

Summary

Software developer with 4 years of experience in building and
maintaining responsive, user-friendly, and secure web applications.
Expertise in TypeScript, JavaScript, Rust, Node.js, Angular, Express,
MongoDB, Nestjs, and GraphQL. Proven ability to develop and
deploy scalable and secure systems that can handle high traffic and
data. Enthusiastic about using technology to create innovative and
impactful solutions for various business needs and challenges.

Experience

Smart Care
Back End Developer
December 2022 - Present (11 months)
Khartoum State, Sudan

Smart Care is a company that provides innovative and affordable technical
solutions for healthcare professionals. In this position, I have developed
server-side logic, APIs and databases for various web applications that
improve the quality and accessibility of healthcare services. I have used
NestJS, TypeScript, Apollo GraphQL, getStream API and Redis to create
scalable, secure and efficient solutions that power the products. I have also
collaborated with the frontend developers and other team members to deliver
high-quality and high-performance products.

Some of the features that I have developed or contributed to include:

- A hybrid authentication system that allows users to sign in with their Google
account or their email and password.

- A database optimization that reduces the response time and the load on the
server by using indexes and caching.

- A bug fixing and troubleshooting process that ensures the reliability and
stability of the products.

I am proud to be part of Smart Care's mission to make healthcare more accessible, affordable and convenient for everyone. I am always eager to learn new technologies and skills that can help me grow as a backend developer. Feel free to connect with me if you are interested in working with me or learning more about me.

GDSC The National Ribat University
GDSC National Ribat University Lead
July 2022 - June 2023 (1 year)
Khartoum, Sudan

Google Developer Student Clubs are university-based community groups for students interested in Google developer technologies. As a lead, I organize and facilitate workshops, hackathons, study jams and other events that help students learn and practice various topics such as web development, machine learning, cloud computing and more. I also connect students with mentors, experts and resources from Google and other partners.
I am passionate about creating a culture of learning, sharing and collaboration among students. I am always looking for new opportunities and challenges that can help me grow as a leader, a developer and a community builder.

Alimny
Co-Founder & Backend Developer
January 2021 - December 2022 (2 years)
Khartoum, Sudan

Alimny company is a startup that provides innovative and accessible e-learning solutions for students and teachers. Alimny company aims to make education more engaging, personalized and effective by using technologies such as web development, machine learning, cloud computing and more. As a co-founder and backend developer, I am responsible for designing, developing and maintaining the server-side logic, APIs and databases for various web applications that power the e-learning platform. I use technologies such as Node.js, Express.js, MongoDB, GraphQL and Firebase to create scalable, secure and efficient solutions that meet the needs of the users and clients.
I also collaborate with the other co-founders, frontend developers and other team members to ensure the quality and performance of the applications. Some of my achievements in this role include:

- Developing a robust authentication system using JWT and Firebase

- Optimizing the database queries and indexes to improve the response time and reduce the load on the server

- Writing unit tests and documentation for the codebase

- Debugging and resolving various issues and bugs reported by the users or clients

I am passionate about creating e-learning solutions that can transform education and empower learners. I am always eager to learn new technologies and skills that can help me grow as a co-founder, a developer and an entrepreneur.

Google Developer Student Clubs - University of Khartoum
Member
September 2021 - October 2021 (2 months)
Khartoum, Sudan

Joined the Google Developer Student Club at Khartoum University, a community of students who are passionate about learning and building with Google technologies.

- Attended workshops, hackathons, webinars and other events to learn new skills and network with other developers.

- Worked on various projects using Google Cloud Platform, Firebase, Flutter, and other Google products and services.

This was a voluntary membership for one academic year. I gained valuable knowledge, experience and connections through this club.

Mostaql.com | مستقل
Full-stack Developer
May 2020 - October 2021 (1 year 6 months)
Khartoum, Sudan

Worked as a fullstack developer at Mostaql.com, a leading online marketplace for freelancers and clients in the Arab world.

- Designed, developed and deployed web applications using Angular, Node.js, Nestjs, MongoDB and Google Cloud.

- Implemented features such as authentication, payment, chat, notifications, ratings, reviews and more.

- Ensured high performance, security and scalability of the applications.

- Collaborated with other developers, designers and product managers using Git, GitHub and agile methodologies.

This was a part-time remote position for 1 year & 6 months. I enjoyed working on challenging and rewarding projects at Mostaql.com.

EnayaTech
Back-end Developer
February 2020 - July 2020 (6 months)
Sudan

- Developed and maintained RESTful APIs using Express.js, MySQL and MongoDB for various web applications as a learner.

- Worked closely with frontend developers, designers and product managers to deliver high-quality features and user experiences.

- Learned new technologies and tools and applied them to my projects.

- Participated in code reviews, documentation and testing.

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Education

The National Ribat University
Bachelor's degree, Information Technology · (January 2018 - April 2023)