

# Dennis Macharia

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## Professional Summary

Dennis is a software engineer whose mission is to help solve complex problems in the simplest way possible in various business areas. Passionate about creating a positive impact through software development, with a strong belief in **collaboration**, **integrity** and most of all **being excellent** in what I do.

## Skills

· Javascript · Typescript · React · Redux (thunk/sagas) · GraphQL (Apollo, Yoga) · Next.js · Webpack · Node · Express/Fastify · REST APIs · NestJs · Firebase · PostgreSQL · MongoDB · RabbitMQ · Docker · GCP/AWS · Figma · Jira/Trello · GitHub/GitLab · Material UI · Tailwind · CSS/SCSS · CI/CD · Agile/Scrum · Git/GitLab · Python

## Work History

07.2022 – Current

### Senior Software Engineer · IOTA · Remote

- Development of Web3 platform and blockchain-powered features across trade and logistics.
- Understanding business and functional requirements of the industry of trade and logistics..
- Worked with project managers, developers, quality assurance and customers to resolve technical issues.
- Improved system performance by making proactive adjustments and resolving bugs.
- Developing high-quality software solutions based on validated specifications.
- Implementing software development best practices.
- Being part of a self-organizing, results-oriented agile team.
- Working autonomously and on a self-motivated basis, while maintaining a high degree of accountability and transparency.

*Technologies:*

*Typescript · React · Node/Fastify · RESTful APIs · Nx · MySQL · RabbitMQ · Docker · Git*

12.2021 – 10.2022

### Senior Full Stack Engineer · RemoteMore

- Led story points estimation and guided major technical decisions in the team.
- Mentored less experienced developers and coordinated with the product manager for smooth sprint delivery.
- Conducted standup calls, team ceremonies, and managed production releases.
- Implemented and maintained the design system.

*Technologies:*

*Javascript · Typescript · React · Next.js · Redux · Firebase · MongoDB · Material UI · Tailwind CSS · Storybook · GCP (Cloud Functions) · CI/CD*

06.2020 – 11.2022

### Full Stack Engineer · RemoteMore

- Delivered fully-fledged features from backend to frontend stage.
- Built responsive front-end interfaces and participated in peer code reviews.
- Optimised application features and solved real-time bugs for users.
- Fully remote; collaborated and pair-programmed with engineers across teams.
- Practiced Agile methodology: sprint planning, reviews, retrospectives, and grooming.

06.2020 – 10.2020

**Frontend Engineer** · Survey54

- Built front-end features and wrote tests for various application features.
- Solved bugs users faced in real-time and worked fully remote.

*Technologies:*

JavaScript · React · Redux Saga · REST APIs

11.2018 – 03.2020

**Software Engineer** · Andela

- Delivered fully-fledged features from backend to frontend and wrote comprehensive tests.
- Updated and maintained CI/CD pipelines and optimised various application features.
- Involved in architecture design and ad hoc calls to dig into product decisions.
- Researched technologies for various products and designed product architecture.
- Practiced Agile: sprint planning, reviews, retrospectives, and grooming.

*Technologies:*

JavaScript · Typescript · Python (Flask, Django) · React · Redux · Material UI · GraphQL/Apollo · Express · PostgreSQL · Sequelize · Heroku · CI/CD

11.2017 – 11.2018

**Software Developer** · Freelance & Outsourcing

- Resolved retrieval problems by customizing design to meet client requirements.
- Responsible for learning complex playbooks, attending meetings, and self-study.

*Technologies:*

JavaScript · Python/Flask · React · Redux · PostgreSQL · Sequelize · Heroku · REST APIs

**Education**

**Bachelor of Science, Mathematics & Computer Science**

Taita Taveta University — Voi, Kenya · April 2018

**Languages**

English — Native language

Swahili — Native language