MESFIN TSEGAYE

Software Engineer

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Passionate full-stack developer with over five years of industry expertise, specializing in remote-based roles across multiple global locations. Skilled in FinTech, transportation, ecommerce, schools, AI, and human resources. Mastered Web3 and eager to contribute to Web3 and blockchain projects. Committed to continuous learning, problem-solving, and delivering optimal outcomes. Successfully improved project efficiency by 20% through innovative solutions. Ready to make a significant impact as a valuable asset to any team.

Work Experience

Software Engineering Lead   **November 2022 - Present**
TechEthio IT Solution PLC   Addis Ababa, Ethiopia | On-site

- Managed a team and developed an advanced Enterprise Resource Planning (ERP) project for Kenema Pharmacies Enterprise. Utilized Next.js, Node.js, GraphQL, TypeScript, Redis, PostgreSQL, and Firebase, resulting in optimizing operations and improving efficiency across 45 branches.
- Created ShareGebeya, a comprehensive marketplace platform available on iOS, Android, and web, facilitating share listing, selling, and buying activities in Ethiopia.
- Developed and deployed EtyopAI, an AI system utilizing ChatGPT models, to provide OpenAI Services in Africa.

React Engineer   **March 2022 - September 2022**
Resultier INC   Twin Falls, Idaho, USA | Remote

- Developed a Test Driven Learning Experience system using Next.js, React.js, GraphQL, TypeScript, PostgreSQL, Git, Jest, CI/CD, and AWS, resulting in a 70% increase in user engagement.

Senior Developer   **November 2020 - December 2022**
Tech 1 Factory LLC   Atlanta, Georgia, USA | Remote

- Developed internal web-based applications utilizing React, AWS Serverless, DynamoDB, and Angular, resulting in a 65% increase in team productivity.
- Created a comprehensive system for a car washing company, including iOS/Android apps for clients and drivers, as well as a web-based dispatching system.
- I developed and implemented a new system that not only improved system speed by 40% but also integrated Salesforce, Facebook Ads, Google Ads, Google My Business, and Google Analytics. This integration resulted in the creation of a standalone CRM system for Money Avenue, facilitating better customer development and enhancing overall business operations.
- In 3 months, improved eight React and Next js apps performance by 35%, reducing page loading time by 43%.

Full Stack Developer   **September 2020 - November 2020**
Yesu IT Solution PLC   Addis Ababa, Ethiopia | Hybrid

- I developed a robust web-based Learning Management System (LMS) using Vue.js, Loopback, MongoDB, and integrated it with Moodle CMS. Implemented successfully, it's employed by 13 prestigious private universities in Ethiopia, driving a 15% increase in active student numbers. Continuous collaboration with clients expanded its usage, showcasing our commitment to innovation and impactful solutions.

Full Stack Developer   **August 2020 - November 2020**
CodeBlue Computers PLC   Addis Ababa, Ethiopia | Onsite

- I significantly customized CS-CART and developed ShemsuSouq, a B2C eCommerce web application, along with iOS and Android mobile apps using React Native. Despite the challenges of the Covid-19 pandemic, ShemsuSouq successfully transformed buying and selling activities in Addis Ababa, reducing inefficiencies by 10%.

Software Engineer   **September 2019 - September 2020**
Poshak Consultancy PLC   Bahir Dar, Ethiopia | Onsite

- As a Scrum Master, I excelled in driving efficient and collaborative team dynamics, delivering successful projects through agile methodologies.
- Developed a Micro Service-based Enterprise Resource Planning (ERP) project catering to the specific needs of the Apparel industry in Ethiopia. Leveraging Vue.js, Node.js, Firebase, and advanced technologies such as Dynamic Programming, Linear Programming, Redis, MySQL, MongoDB, CI/CD, Firebase, Twilio, and AWS, the ERP system revolutionized operations. Additionally, created a user-friendly mobile app using Flutter and Dart, enabling seamless access to the ERP system for customers. The project resulted in a remarkable 10% improvement in employee performance, a 5% revenue growth, and an 8% reduction in costs.

Software Engineer   **April 2019 - September 2019**
BankPay Technologies LTD   London, United Kingdom | Remote

- Created an interactive and winning internal Human Resource Management System (HRMS) for Bankpay Technologies. Leveraged Vue.js, TypeScript, Go, PostgreSQL, and Firebase to deliver a robust solution.
- Created a Flutter and Dart mobile app called EazyPay for seamless customer onboarding.

Software Developer   **December 2018 - February 2029**
AhadooTech ICT Solution PLC   Addis Ababa, Ethiopia | On-site

- Developed a comprehensive Building Management System for Addis Ababa City Administration, utilizing Vue.js, Vuetify, Loopback, and MongoDB.
- Created highly efficient auto-complete field plugins widely implemented by AhadooTec Vue developers, ensuring seamless user experiences and boosting team efficiency by 2%.

Education

- **Bachelor of Science Degree in Computer Science | September 2014 - July 2028**
  Addis Ababa University | Addis Ababa, Ethiopia

Tech Skills

TypeScript, Vuejs, React, Flutter, JavaScript, Python, Node js, Firebase, Nuxt js, Solidity, Dart, MongoDB, Next js, React Native, DeFi, dApp, Java, MySQL, AWS, Web3, DynamoDB, GraphQL, PostgreSQL, PHP, Blockchain, Web3, DeFi, dApp, DEX, DAO, Frontend, Backend, Full Stack Developer, .Net, C#, Django, Scrum.

Language Skill: English, Amharic, Afan Oromo

Certifications

- **Ethereum Developer Bootcamp Certificate of Completion**
  Alchemy | https://university.alchemy.com
  Certificate Link:
https://polygonscan.com/tx/0x1a296b795bb60f896a83ff7a72b4adde14bc546aa2e2a006e514bf3ad0604805
- **Solidity For Senior Engineers NFT based Certifications**
  Calyptus.co | https://calyptus.co
  Certificate link: https://app.crowdclass.com/tokens/5768
- **Amazon Web Service(AWS) Machine Learning Practitioner**
  Udacity
- **Digital Marketing Fundamentals**
  Google Digital Garage
- **TOP 25% Ranked PHP and Laravel Developer**
  TESTDOM
  Certificate link:https://www.testdome.com/certificates/326c0b8071bf48fcb92fdb4febbc2e01
- **Mobile Developers Mastery Award**
  IBM