

Kaleb Tsegaye

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Senior Full Stack Engineer

Talented Software Engineer with over 5 years of professional web development experience leading design and implementation of complex scalable projects using the latest web technologies. Experienced Full-Stack software engineer worked for government, entertainment, education industries. Skilled in using technologies such as React, Angular, TypeScript, HTML/CSS, JavaScript, NodeJS, Java, Spring boot, GCP, AWS, Firebase, Docker, Kubernetes, CI/CD pipeline, and Database design.

Front-end / Back-end Development · Java Programming · UI / UX Implementation · Web Services ·
· Server-Side Rendering · Design Patterns · Microservices · Agile Methodology · End-to-End Testing
· Software Development Lifecycle · JavaScript programming · CSS/SCSS · Google Cloud Platform ·
· AWS · Microservices · Agile Methodology · Object-Oriented Programming

Languages: JavaScript, Java 8+, Go, Python, Dart, PHP

Web: Node, HTML, CSS, SCSS, TypeScript, Bootstrap, Material UI, Tailwind CSS, SocketIO, Webpack, Vite, JSON

Web Services: REST, gRPC, Microservices, Restful services, J2EE

Web and Application Servers: Apache, NGINX, Tomcat

Frameworks: Spring Boot, Express.js, Hibernate, Angular, React.js, Apache Kafka,

Databases: MySQL, Postgres, MongoDB, Redis, SQLite, SQL server, H2

Design Patterns: Singleton, Factory, Observer, façade Patterns, Iterator

SDLC: Agile/Scrum, Waterfall, Rapid Application Development, Hybrid Approach

Tools: Docker, Kubernetes, Jenkins, RabbitMQ, ActiveMQ, Kafka Magic, Git, Github Actions, Postman, BloomRPC, CircleCI, Jest, JUnit, Cypress, Selenium, Mockito, Slack, Shortcut, IntelliJ IDEA, VS Code, Vim, Miro, Figma, Maven, Git Lense, Confluence, Swagger, Jira, Yaml, Storybook, Terraform, Redux

Platforms: Linux, Windows, AWS, Azure

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **master's Degree in Computer Science** (Available for full-time, W-2 employment).

GEBEYA INC, Addis Ababa, Ethiopia · 08/2022 - 11/2022

Online freelance talent marketplace.

Software Development Consultant - Client DadoHR, Germany (remote)

Provided consultation to DadoHR to build and implement a robust HR tool.

- Created task automation and notification for employee onboarding feature.
- Implemented third party integration with Google Calendar, Slack and email clients.
- Implemented task lifecycle feature based on date timeline.
- Led debugging to improve performance of a React application.

Technologies Used: GCP, TypeScript, React.js, Material UI, Firebase, Git, Shortcut, Slack, HTML, CSS, Figma, Miro, Git.

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MEREB TECHNOLOGIES, Addis Ababa, Ethiopia · 10/2021 - 08/2022

Software development outsourcing company.

Full Stack Developer

Led team in implementing Full Stack development through all phases of software development life cycle.

- Managed team to remake a poker game with Microservices and modern gRPC technologies.
- Designed a game with face detection to answer trivia questions by monitoring movement of the head.
- Created a better workflow for my team to facilitate feature rollouts using CircleCI, Docker and Github
- In charge of web application development with modern look and interactive features and documentation.

Technologies Used: *Spring Framework, React.JS, JavaScript, Go, gRPC, Redis, FaceMesh, Docker, Postman, Kubernetes, Apache Kafka BloomRPC, CircleCI, Cypress, Jest, JUnit, Git, GitHub, Github Actions, Material UI, Cypress, Selenium, Tailwind CSS, VS Code, HTML, CSS, Vim.*

TILTEK TECHNOLOGIES, Addis Ababa, Ethiopia · 07/2019 - 10/2021

Software development, sales, and telecommunications company.

Software Engineer

Built web applications for international and local clients using Agile methodologies.

- Led major version update for existing systems with nearly 500,000 users, including new frontend UI/UX using Flexbox and backend application.
- Performed system migration data from CMS platform to backend server, increasing new users to 2,000 a week on average.
- Integrated a payment system where employers can pay to download applicants' resumes.
- Designed and implemented a Resume` builder in the application where applicants can build their CV and download them and chat app feature using websockets.
- Created a web application to receive SMS votes for national music contestants and provided live results for judges and hosts. I was tasked with writing 75% of the source code.
- Designed functional UIs and backend application to parse through incoming bulk SMS data.

Technologies Used: *Angular, React.js, Node.js, Express.js, AWS EC2, AWS S3, Socket IO, RabbitMQ, ActiveMQ, Material UI, Angular Material, MySQL, Git, Postman, Linux Terminal, Swagger, NGINX, MongoDB, Bootstrap, HTML, CSS.*

RHEMA TECHNOLOGIES, Addis Ababa, Ethiopia · 09/2017-07/2019

A startup company that specializes in government projects

Web Developer

Collaborated in the development of the web application for a medical school.

- Led the user requirement analysis to determine the clients needs and priorities.
- Developed the web app in short period against a deadline
- Integrated with YouTube API V3 to play videos from the company's channel
- Automated page creation with a terminal script for redundant web pages for each department in the medical school.

Technologies Used: *React.JS, JavaScript, Laravel, HTML, CSS, Material UI, YouTube API*

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CERTIFICATIONS

AWS Certified Solutions Architect - Associate

Validate at: <https://aws.amazon.com/verification>

Validation number: W79CBF020BQEQ49P

FREELANCING PROJECTS

Fiverr

Front end Developer

- Built web applications using React, Angular, NodeJS, Tailwind CSS
- Provided consultation to new beginner developers
- 5 star rated developer on the platform - Fiverr
- Top 3 recommended developer in my paygrade
- Highly acclaimed by clients for my services - https://www.fiverr.com/kaleb_wond

PERSONAL PROJECTS

- **Pentatonic Piano (2022)**: Designed piano application to be used with keyboard or mouse and ability to play 7 pentatonic scales from any key. Utilized React.js, and CSS.
- **Natour Website (2020)**: Developed website with advanced CSS styling for hypothetical touring company. Utilized HTML and SCSS.
- **User Profile Management System (2023)**: Developed a full stack web application for users to manage profiles. Utilized ReactJS, Spring Boot, AWS S3, AWS Java SDK

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion June 2025)

Maharishi International University, Fairfield, Iowa

Key Courses: *Fundamentals of Programming Practices, Modern Programming Practices, Enterprise Applications, Web Applications Architecture, Cloud Computing, Software Architecture*

Bachelor of Science in Software Engineering

Addis Ababa University, Addis Ababa, Ethiopia