# ELIAS KIBRET

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## SOFTWARE ENGINEER

Experienced Software Engineer with 3 years of professional experience and 2 years of internship experience working in designing, architecting, and developing scalable, secure, high-quality solutions across large-scale e-learning platforms, e-commerce, healthcare, and FinTech. Skilled in event-driven systems, microservices, and end-to-end development using Java, JavaScript, and TypeScript, leveraging Kubernetes for optimized deployments. Proven track record in delivering production-ready solutions for multimillion-dollar companies and contributing to global open-source projects. Focused on user-centered, robust applications that drive business growth and enhance user engagement. Committed to innovation, continuous learning, and collaboration to foster team excellence.

• Problem-Solving and Innovation • System Design • Microservices Architecture
• Cloud Infrastructure and Deployment • Distributed Systems • API Design and Integration
• Continuous Integration and Continuous Delivery (CI/CD) • Security and Data Integrity

**Languages:** JavaScript, TypeScript, Java
**Web:** React, React Native, HTML, CSS, Tailwind CSS, Bootstrap, MUI, AJAX, jQuery
**Web Services:** REST API, SOAP, GraphQL, gRPC, API Gateways, OAuth 2.0, WebSockets, JWT, CORS
**Web/App Servers:** Apache, Tomcat, WebLogic
**Frameworks:** Spring Boot, Angular, Vue.js, Next.js
**Databases:** MS SQL, MySQL, Oracle, MongoDB
**Design Patterns**: Singleton, Factory Method, Abstract Factory, Composite, Decorator, Facade, Proxy, Observer, Strategy, Command, Iterator, State, Template, Method Chain of Responsibility, Mediator, Memento, Visitor, Interpreter
**SDLC**: Waterfall Model, Agile Model, Scrum, Kanban, Spiral Model, V-Model, Iterative Model
**Tools:** Visual Studio, Eclipse, IntelliJ IDEA, NetBeans, Git, Docker, Kubernetes, JIRA, Trello, Asana, Slack, GitHub, RabbitMQ, Kafka, ActiveMQ
**Platforms:** Windows, macOS, Linux (Ubuntu), Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform (GCP), IBM Cloud, Heroku

## 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).*

**MAMA'S TECHNOLOGY, Addis Ababa, Ethiopia • 03/2022 – 04/2024**
A dynamic and innovative software development company that specializes in creating cutting-edge solutions.
**Senior Software Engineer**
- Implemented GraphQL for efficient data retrieval, optimizing front-end performance by reducing payload size and improving app responsiveness by 30%.
- Engineered APIs with Node.js and Express.js, achieving 40% faster response times for seat availability queries and reducing customer support tickets by 25%.
- Developed APIs using Node.js and Express.js to speed up seat availability checks by 40%, making bookings more reliable and reducing customer support requests by 25%.
- Integrated Redis caching and advanced load balancing techniques to optimize back-end response times, achieving a 50% reduction in API response times during peak usage periods.

***Technologies Used:*** *JavaScript, TypeScript, React, JavaScript, Flutter and React Native.*

**WSCHOOLS.COM, Rogaland, Norway • 11/2021 – 02/2022**
A premier online learning platform focused on delivering free and accessible web development tutorials and resources.
**Front-End Engineer | Web Developer**
- Collaborated with cross-functional teams to develop and optimize a global e-learning platform using React, TypeScript, and Angular, improving the learning experience for over 500,000 students.

- Partnered with the QA team to implement comprehensive unit and integration testing using Jest and Cypress, leading to a 20% reduction in production bugs.
- Refactored legacy code to boost performance and scalability, resulting in a 50% improvement in Time to First Byte (TTFB) for over 100 client-facing applications.
- Participated in Agile methodologies, including daily stand-ups, code reviews, and sprint planning, ensuring timely feature delivery and effective team collaboration.

***Technologies Used:*** *JavaScript, TypeScript, React, Bootstrap, SCSS, NodeJS, HTML5, CSS3.*

**MAMA'S TECHNOLOGY, Addis Ababa, Ethiopia ● 01/2021 – 10/2021**

Mama's Technology is a dynamic and innovative software development company that specializes in creating cutting-edge solutions for both government institutions and private individuals.

**Senior Software Engineer**
- Led front-end development on fintech applications using React, Redux, and TypeScript, improving user satisfaction by 40% through enhanced navigation and responsive design.
- Architected scalable healthcare management systems using Angular, REST APIs, and AWS, reducing manual data processing by 60% and improving patient service.
- Promoted to Senior Software Engineer, leading the development of secure e-government solutions with JavaScript, Node.js, and Express, reducing document processing time by 50%.

***Technologies Used:*** *JavaScript, TypeScript, ReactJS, Node, Express, Mongo, Spring, SQL.*

## FREELANCE EXPERIENCE

**THS 2405 LLC, Jacksonville, USA ● 02/2022 – 04/2024**

A versatile, privately held company engaged in diverse industries, providing specialized software solutions.

**Freelance Software Developer**
- Developed a high-traffic e-commerce platform using React, TypeScript, and Next.js, optimizing page load speeds by 35% through code refactoring, lazy loading, and image optimization.

***Technologies Used:*** *React, Next.js, Angular, Tailwind CSS, Material-UI, Express.js, Flask, FastAPI.*

## ACADEMIC PROJECTS

**Maharishi International University (2024)**

**Online E-commerce Platform:** Developed a platform enabling product browsing, cart management, and seamless purchases. Responsibilities included building the frontend, integrating APIs, and designing the database schema using React, Redux, Tailwind CSS, Spring Boot, Docker, and MySQL.

## EDUCATION

**Master of Science in Computer Science**
*(In progress via distance education; expected completion 12/2026)*
Maharishi International University, Fairfield, Iowa

*Key Courses: Web Programming, Advanced Software Development, Algorithms, Web Application Architecture*

**Bachelor of Engineering in Electrical and Computer Engineering**
Addis Ababa University, Addis Ababa, Addis Ababa (10/2021)