

ASTEWAY YIHEYIS

615-938-2365 • Fairfield, Iowa 52557

Astewayiheyis@gmail.com • www.linkedin.com/in/asteway-yiheyis

SOFTWARE DEVELOPER

Versatile IT professional with 5+ years of experience blending strong technical, analytical, and operational skills to assess and address the needs of diverse users. Adept in development of responsive, interactive applications for companies ranging in size and complexity. Experienced working with diverse teams, clients, and system users – analyzing and troubleshooting technical issues in fast-paced environments using Java, Spring, Hibernate, JavaScript, and Restful API. Experienced in front-end development using HTML5, CSS3, SASS, and React.

Java Programming, Object-Oriented Programming (OOP) • Design Patterns • SQL • User Interface (UI)
Data Structures & Collections • Front End & Back End Development • Web Application Programming

Languages: Java, Python, C#, C++

Web: HTML5, CSS3, JavaScript, jQuery, AJAX, XML, Node.js, Express, Axios, Fetch-API

Webservices: Restful, JSON, Rest Template

Web/App Servers: Apache Tomcat

Frameworks: React, Spring/Spring Boot (Data, Security, AOP, IOC, Dependency Injection (DI)), Hibernate, .NET,

Databases: SQL, JPA, JDBC

SDLC: Agile

Design Patterns: Singleton, Prototype, Template, Session, Session Factory, Abstract Factory, Observer, Dependency Injection, Inversion of Control, SOA (Service Oriented Architecture), Proxy, Facade, Separation of Concerns

Tools: VS Code, IntelliJ, Eclipse, Visual Studio, Post-Man, Swagger, Eureka, Adobe Photoshop, Git, Redux

Platforms: Windows

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).

VAMDAS, Addis Abeba, Ethiopia • 2016-2021

Technology and entertainment company.

Software Developer

Provided development of large scale Web Applications– utilizing Java, Spring/Spring Boot, HTML5, CSS3, JavaScript and React as well as incorporating data from databases.

- Built and tested high-quality web applications.
- Ensured adherence to requirements set by project manager via continuous improvement and update of web applications.
- Wrote clean codes to industry standards and enhance site appeal and user interaction / journey.
- Analyzed and troubleshoot website and company's technical issues.

Technologies Used: Java, Spring/Spring Boot, Hibernate, SQL, HTML5, CSS3, JavaScript, React and integration using Restful API.

AFRICAN UNION COMMISSION (AU), Addis Abeba, Ethiopia • 2019-2020

Intergovernmental organization.

Tech Support Specialist

Delivered technical support as member of organization's Management Information Systems (MIS) Division.

- Completed installation and configuration of desktop applications.
- Updated application systems through change request and improved terms of performance.
- Configured and maintained servers as well as worked with management systems.

Technologies Used: .NET, C#, OS, SAP, Sun Systems

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ACADEMIC PROJECT

Online Market Place, Maharishi International University (MIU) (2021): Developed fully functional Online Shopping Web Application (Gulit), enabling users to register as buyer / seller and administrator to approve seller accounts. App allows buyers to follow sellers and review products in order history.

- **Technologies Used:** React (Hooks, React Router, Context AP), Material UI, Axios for API Endpoints, Spring Boot, Hibernate, JWT / Spring Security, and Post-Man / Swagger

Blogging Website using Microservices, Maharishi International University (MIU) (2021): Collaborated with team on online blogging Web Application using 3 microservices and 1 API Gateway. Enabled user to post a blog and have followers comment and like posts. Connected microservices using Eureka Service Registry / Service Discovery and API Gateway.

- **Technologies Used:** Spring Boot, Spring Rest Template, Hibernate, Eureka, JWT / Spring Security, and Post-Man / Swagger

Online Dictionary, Maharishi International University (MIU) (2021): Developed an online dictionary that translates words and phrases from users by reading from dictionary file using AJAX.

- **Technologies Used:** HTML5, CSS3, AJAX, jQuery, Node.js, Express

Library System Software, Maharishi International University (MIU) (2021): Developed software for use by Librarian and Administrator – enabling tracking of checked out books and due dates as well as registration of new books to library collection.

- **Technologies Used:** JavaFX

PERSONAL PROJECTS

Crown Online Clothing (2021): Developed an online clothes shopping web application for buyers and administrators - enabling product browsing, ordering, and payment. State is managed using Redux instead of Context API. Developed clean, simple, and highly interactive interface.

- **Technologies Used:** React & Redux, SCSS, Firebase, GraphQL, Stripe

Home Inventory System Software (2018): Developed software for use by insurance companies, facilitating registration and tracking of assets owned by clients as well as payments.

- **Technologies Used:** C#, .NET, SQL
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EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion April 2024)

Maharishi International University, Fairfield, Iowa

Key Courses: *Fundamental Programming Practices, Modern Programming Practices, Web Application Programming, Web Application Architecture, Enterprise Architecture, Algorithms*

Bachelor of Arts in Computer Science / Minors in Mathematics & Information Management Systems

Bethany Lutheran College / Mankato, Minnesota (2020)

PROFESSIONAL DEVELOPMENT

Java Certificate, HTML Certificate; CSS Certificate; Certificate of Work Ethics

C++ Computer Training Certificate