

# ERMIYAS DAMTE HAILE

## Summary

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Creative full-stack (backend-focused) developer and UI/UX designer with 3.9 + years of experience building enterprise-level applications. Skilled in full-stack development, third-party integrations, and agile teamwork. Passionate about clean design, scalable code, and solving complex problems. Thrives in collaborative environments and consistently delivers impactful, user-centered digital solutions.

## Skills

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### Technical Skills

C#, ASP.NET, .NET Core, JavaScript, TypeScript, Node.js, Express.js, Nest.js, Bun, React.js, Next.js, Java, Spring Boot, Flutter, MongoDB, SQL Server, MySQL, PostgreSQL, SQLite, Moodle, Odoo, Mantis, Mattermost and others

### Software Tools

Figma, Docker, Kubernetes, Postman, Git, GitHub, GitLab, VS Code, Visual Studio, IIS, Apache, Nginx, XAMPP, Windows Services, Replit, Supabase, Google Analytics, Stripe, Sentry, Pulsetic, Redis, MQ, and other tools

## Work Experience

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Application Developer - Amhara bank - Addis Ababa, Ethiopia - Feb 2025 - Present

- Mobile Banking Application Development & Maintenance. Developed and maintained a secure and scalable mobile banking application that integrates with core banking, transaction processing, and user authentication.
- Merchant Application & Dashboard Development that has more than 110k merchants for seamless transactions, order management, and financial tracking. Developed a web-based dashboard for merchants to monitor sales, settlements, and analytics.
- Internet Banking development. Developed a very secured, enterprise-level internet banking web app for corporate and individual customer with a different feature.
- Shareholder mobile app & dashboard development. Designed and developed a mobile app and dashboard for users to manage shares, voting, attendance, and delegation activities.
- Third-Party Integrations. Integrated external APIs like DStv, Telebirr, M-Pesa, and other services into banking and financial applications.
- Development of various applications, including ERP systems, internal banking tools, and self-service platforms
- Develop APIs and microservices to support different banking and financial operations
- Utility service solutions. Develop different utility services like emailing and SMS services

Junior Application Developer - Amhara bank - Addis Ababa Ethiopia - Jul 2023 - Feb 2025

- Develop a full ERP system that has HR, payroll, inventory and stock management, a vacancy system, and other utilities like a KYC upload web application and other services.
- Contribute to API development from the bank side to third parties.
- Customize an effective and productive system from open-source projects like e-learning and e-exam systems.
- Collaborate and develop different services and applications, like the lottery system and other applications that the bank currently uses

Information technology officer - Amhara Bank - Addis Ababa, Ethiopia - Jun 2022 - Jul 2023

- Guiding the testing process and validation for major internal software.
- Developed in-house systems and other systems that the bank currently uses, like the external and internal vacancy system, Stock management system, staff self-service system and other internal services
- By making a good contribution to those systems, I got an appreciation certificate from the bank CEO

## Projects

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### Mobile banking app

- Mobile banking apps developed in Express.js, MongoDB, and Temenos (T24) and Flutter that have local and other bank transfers and wallet transfers like Telebirr, M-Pesa, and Topup; different utility payments; RTP and IP transfers; and the latest QR transfer. More than 100K downloads in [play store](#), and [Appstore](#).

### E-commerce

- Multi-tenant e-commerce for customer and company. Developed by Express.js, Next.js, PostgreSQL, MongoDB, Redis, and BullMQ in a microservice architecture. The company can register products and receive product, sales, order, branch creation, and user management with a comprehensive report, and the customer can order any type of product from the e-commerce easily and effectively. [Browse here](#)

### Online Vacancy

- An easy and very lightweight online vacancy system was developed using Express.js, MongoDB, and Next.js that has both an admin and a client portal. Companies can easily register their vacancy, post, extend, review shortlists, and use an attractive reporting dashboard, whereas applicants can easily register their information, apply for any vacancy, and do other activities. [Browse here](#)

### Internet Banking

- Web-based internet banking systems developed in MongoDB, Next.js, Express.js, and Node.js that have fund transfer, wallet transfer, top-up, and other different functionalities.

### Shareholder app and web portal

- An easy mobile app and web portal developed in MongoDB, Node.js, Express.js, SQL Server, Flutter, and Next.js that have different functionalities like voting, attendance, proxy (delegation), and others.

### Merchant app and web portal

- Developed in Node.js, Express.js, MongoDB, Temenos (T24), React.js, and Flutter, which have different merchant-related functionalities. Currently have more than 105K merchants.

### ERP (Enterprise Resource Planning)

- Designed and developed ERP modules to manage HR, payroll, employee self-service, and other modules

### Stock Management System

- Developed a stock management solution for tracking inventory, product movement, stock levels, and reporting. Implemented features for inventory control, stock updates, and operational reporting to improve supply and warehouse management.

## Education

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MSc - Addis Ababa University - Addis Ababa, Ethiopia - 2023 - present

- Software Engineering.
- 3.2 GPA

Bsc - Rift Valley University - Adama, Ethiopia - 2016 – 2020

- Computer science
- 3.87 GPA