

# Peneal Feleke Aragaw

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**github:** <https://www.github.com/penealfeleke/> | **portfolio:** <https://penealfeleke.wisewaytech.com/>

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I have two years of experience in software development, with a primary focus on backend systems and full-stack development using Laravel. My expertise spans API design and testing, database architecture, and CI/CD automation using GitHub Actions and Power Platform Pipelines. I've also contributed to enterprise solutions on Microsoft Power Platform, developing apps, automating workflows, and managing data across environments.

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## EDUCATION

**HiLCoE School of Computer Science and Technology**  
**Computer Science**

**Addis Ababa, Ethiopia**  
**January, 2021–July, 2025**

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## PROFESSIONAL EXPERIENCE

**Software Engineer**

**February 2025–July 2025**

**Westminster Consulting Ltd , Nairobi, Kenya**

*remote/full time*

- Develop and maintain robust APIs using Spring Boot Framework for financial systems and internal applications (Hcash and White Lotus).
- Integrate third-party services to extend system functionality and streamline operations (USSD PUSH with EthioTelecom)
- Maintain comprehensive API documentation to support developer onboarding and system maintainability

**Project Manager/Backend Developer**

**December 2024–present**

**Ombrix Trading , Addis Ababa, Ethiopia**

*remote/part time*

- Manage company projects to ensure products align with user requirements and are delivered on schedule
- Translate user needs into actionable system designs to guide efficient and accurate development
- Oversee project timelines, resource allocation, and milestone tracking to maintain delivery momentum
- Coordinate cross-functional collaboration across development, QA, and stakeholder teams
- Ensure quality assurance by monitoring implementation standards and validating outcomes against requirements

**Backend Developer**

**August 2024–present**

**Freelance**

*remote/occasionally*

- Assist Ethiopian developers in the UK with backend development tasks using Laravel
- Integrate third-party APIs such as Twilio, Stripe, and PayPal into Laravel-based applications
- Implement secure, efficient, and scalable API integrations to support business workflows
- Troubleshoot technical issues and resolve API-related bugs to ensure application stability

**MSFT Power Platform Developer/Backend Developer**  
**Codepoint Creatives, Addis Ababa, Ethiopia**

**July 2022–November 2024**  
*on-site/full-time*

◦ **Development Lead (May 2023 – Nov 2024)**

- Led a team of 11 developers, overseeing design, development, and delivery of software solutions aligned with business goals
- Tracked project progress, resolved technical bugs, and removed blockers to ensure smooth execution across sprints
- Planned and facilitated daily stand-up meetings to monitor team progress and adjust priorities as needed
- Conducted weekly Scrum meetings with clients to review deliverables, gather actionable feedback, and refine sprint objectives

◦ **Power Platform Developer (July 2022 – June 2023)**

- Designed and developed Power Apps to address specific business needs with user-friendly, responsive interfaces
- Built Power Automate flows to streamline workflows, automate repetitive tasks, and ensure data consistency
- Integrated SharePoint and Dataverse to manage structured and unstructured data across environments
- Created and utilized custom API connectors to extend functionality beyond native Power Platform capabilities
- Delivered tailored, scalable business solutions by aligning technical design with stakeholder requirements

◦ **Backend Developer (July 2022 – June 2023)**

- Designed and implemented databases for large-scale ERP systems, ensuring scalability, normalization, and performance
- Developed APIs to support core ERP functionalities, enabling seamless data exchange across modules
- Collaborated with a senior developer to configure and deploy backend systems on production servers
- Contributed to environment setup, deployment automation, and post-deployment validation for stable releases

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## TECHNICAL EXPERIENCE

- **Microsoft Technologies:** C#.NET, .NET Core, ASP.NET MVC, Power Apps, SharePoint, Dataverse, Power Automate
- **Programming Languages:** C#, PHP, Java, JavaScript, TypeScript
- **Databases:** MySQL, SQL Server, PostgreSQL, SQLite, MongoDB
- **ORM Frameworks:** Entity Framework, TypeORM, Mongoose, Eloquent
- **Development Tools:** Visual Studio 2022, Visual Studio Code, Postman, Swagger Editor
- **Cloud & Identity:** Microsoft Azure Active Directory (Intra ID), Azure Functions (basic experience)
- **Version Control:** Git

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## Projects

- Developed **Telegram Approval Flow** using custom APIs within Power Platform to streamline approval processes
- Created **Solar Farm Insights**, a data analytics project hosted on GitHub for renewable energy monitoring
- Built a request app for environment access, leveraging Power Platform to automate access requests and approvals
- Contributed to **ETX.ET** and Exchange Rate Platform (ETX) for financial data management and currency exchange
- Led development of **Factory Management System** integrated with Telegram notifications for real-time updates
- Developed **Modular University Learning Environment (M.U.L.E)**, an open-source educational platform hosted on GitHub
- Built **Pharmacy Management System**, a comprehensive solution for inventory and sales tracking ([GitHub](#))
- Created an **onboarding app** with automated approvals and email notifications using Power Platform workflows
- Developed **Teams Token Generator** with custom connectors to facilitate secure authentication in Microsoft Teams

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## VOLUNTEER EXPERIENCE

- **Web Design and Development Lab Instructor—HiLCoE Computer Science and Technology:** Teach web design and development labs for 3 hours per week, fostering hands-on skills and practical understanding among students. Committed to the role and driven by a genuine passion for the field, I guide students through foundational and advanced concepts, encouraging creativity and problem-solving in real-world projects.