

Matheus Tangeni Shikomba

H1B Visa Holder | mshikomb@emich.edu | 734-882-0369 | LinkedIn

PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 7+ years of experience building and delivering scalable backend and frontend solutions using PHP, Symfony, Laravel, Vue.js, and Angular. Proven track record leading cross-functional development teams of 11+ engineers, designing RESTful APIs, and optimizing database performance for enterprise applications. Certified Advanced Scrum Master and Product Owner with hands-on experience driving agile delivery across distributed global teams. Published ACM NLP researcher with an MS in Computer Science from Eastern Michigan University.

EDUCATION

Eastern Michigan University

MS in Computer Science

Ypsilanti, MI | April 2021

University of Namibia

BS in Computer Science (Honors)

Windhoek, Namibia | October 2018

CERTIFICATIONS

- Certified Advanced SCRUM Master
- Certified SCRUM Product Owner
- Certified SCRUM Master
- AWS Cloud Developing Certified

SKILLS

Languages: PHP, Python, Java, SQL, GraphQL

Frameworks: Laravel, Symfony, Vue.js, Angular, CrewAI

Databases: MySQL, PostgreSQL, MongoDB, SQLite

Cloud & Infrastructure: AWS (EC2, S3), RESTful API design & integration

Tools: Git, GitHub, GitLab, Bitbucket, Jira, Confluence, Postman, Insomnia, Slack

Testing: PHPUnit, Pest, JUnit

Methodologies: Agile, SCRUM, TDD, Microservices, Pair Programming

EXPERIENCE

Software Engineer and Scrum Master

Logic Solutions Inc

March 2023 – Present

Ann Arbor, MI

- Lead an agile development team of 14 engineers as Technical Lead and Scrum Master for Camp Bow Wow, an enterprise ERP platform serving 220+ franchise locations across 40+ states and Canada, supporting 230,000+ customers and approximately 4.7 million visits annually.
- Drive end-to-end feature development from business requirements gathering through production release and post-launch support.
- Build high-performance RESTful APIs using PHP, Symfony, and Laravel to automate complex business workflows.
- Optimized SQL queries and PHP code for business intelligence reports, reducing query execution time from 3+ seconds to under 1 second.
- Design and implement scalable, maintainable backend architectures and microservices.
- Collaborate cross-functionally with product owners and business stakeholders to translate evolving requirements into technical solutions.
- Integrate PB&J TV Technology to enable dynamic interactive TV popups for franchise locations.
- Manage project workflows, backlogs, and sprints in Jira while maintaining technical documentation in Confluence.
- Direct execution of EPICs for major feature development, ensuring delivery against roadmap milestones.
- Lead Agile ceremonies including Sprint Planning, Daily Standups, Refinement, and Sprint Demos.
- Design and optimize complex MySQL queries and schema structures to support high-traffic ERP workflows.

- Build and maintain RESTful API endpoints in Symfony/Laravel to support third-party integrations (e.g., PB&J TV Technology) and internal business workflows.

Technical Lead and Product Owner

April 2024 – December 2024

Patient Care

Windhoek, Namibia (Remote)

- Led a globally distributed team of 11 software engineers across Africa and Asia to develop a healthcare fintech platform connecting patients with healthcare professionals.
- Architected and optimized backend systems using PHP and SQL, refactoring code to enhance performance, scalability, and system reliability.
- Drove UI updates and product iteration that grew the platform to 500+ active users and mobile app downloads within 3 months.
- Facilitated Scrum ceremonies including Sprint Planning, Daily Standups, Refinement, Demos, and Retrospectives across distributed time zones.
- Mentored engineers through pair programming and technical training to accelerate onboarding and maintain high code quality standards.
- Managed task delegation and project tracking in Jira; directed product releases as Release Manager.
- Configured and managed AWS EC2 instances to support backend server infrastructure for the platform.
- Performed PHP environment configuration and backend troubleshooting to resolve performance and reliability issues.
- Optimized MySQL queries and database architecture to improve platform performance and scalability.
- Directed RESTful API architecture decisions supporting patient-provider connectivity features.

Backend Software Engineer

July 2021 – March 2023

Logic Solutions Inc

Plymouth, MI

- Architected and deployed RESTful APIs to support critical business functionality.
- Engineered comprehensive unit and integration test suites to ensure reliability and robustness of backend systems.
- Validated and debugged APIs using Insomnia API Client.
- Modernized legacy codebases by refactoring outdated logic to improve system maintainability and reduce technical debt.
- Integrated third-party solutions, including DropBox Sign (formerly HelloSign), to extend platform capabilities within a client-facing API ecosystem.
- Managed AWS S3 storage for uploading, organizing, and serving image assets used across client-facing applications.
- Managed MySQL database schema changes and query performance tuning to support RESTful API reliability.
- Configured and troubleshoot PHP application environments to resolve backend performance and integration issues.

Fullstack Software Engineer Intern (Part-Time)

February 2021 – April 2021

EMU TRIO Student Support Services

Ypsilanti, MI

- Gathered and analyzed requirements for a custom student management system, designing detailed wireframes in Figma.
- Built backend infrastructure using Laravel PHP to manage student assistance records.
- Developed responsive frontend interfaces using Vue.js for staff and administrators.
- Configured and managed AWS EC2 instances to support server-side infrastructure for the student management system.
- Designed and implemented a MySQL database schema for student assistance records within the Laravel backend.

Graduate Research Assistant (Part-Time)

September 2019 – April 2021

Eastern Michigan University

Ypsilanti, MI

- Researched autonomous vehicle technology using large-scale datasets including Waymo, nuScenes, and KITTI.
- Developed custom Python scripts to process, clean, and analyze complex autonomous driving datasets.
- Leveraged Robotics Operating System (ROS) for simulation and sensor data analysis to support AV research objectives.

Data and Software Analyst Intern

June 2020 – August 2020

Duo Mobile Security

Ann Arbor, MI

- Engineered Python automation scripts that eliminated manual data processing tasks for the Data Intelligence team, reducing turnaround time from 8+ hours to under 1 hour.

- Built Python scripts using Pandas to preprocess and transform complex reports, ensuring data accuracy and consistency.
- Extracted and analyzed large datasets by writing optimized SOQL queries against Salesforce.
- Designed and implemented API integrations with LinkedIn, Google, and Discovery Org to automate external data ingestion and enrich internal datasets.
- Built and consumed RESTful APIs in Python to automate data ingestion from LinkedIn, Google, and Discovery Org platforms.

Junior Software Developer

Lex Technologies (PTY) Ltd

June 2016 – August 2018

Windhoek, Namibia

- Built an SMS portal from the ground up using Laravel PHP and Bootstrap, integrating Ozeki Gateway for bulk text messaging capabilities.
- Trained and mentored 2 intern software engineers to increase project velocity and output.

PROJECTS

Data Dawg (Camp Bow Wow Backend System)

- Refactored SQL queries and PHP code to reduce query execution time from 3+ seconds to under 1 second across an ERP platform serving 220+ franchise locations.
- Designed and implemented RESTful APIs to support new business features and franchise operations.
- Orchestrated large-scale data migrations following acquisition to transition enterprise data into modern backend architectures.

Patient Care Fintech Platform

- Architected scalable backend solutions for a healthcare fintech platform connecting patients with providers.
- Led UI and product updates that grew the platform to 500+ active users and mobile app downloads within 3 months of launch.

SMS Portal (Lex Technologies)

- Built a Laravel-based SMS platform with Ozeki Gateway integration for bulk marketing communications.

Conference Link

- Architected and deployed a comprehensive event management web platform using Angular and Firebase to streamline organizer workflows and attendee tracking.

AWARDS & HONORS

- Team Captain, Namibia National Cyber Security Competition Team -- Overall Winner, 2017
- Best Undergraduate Researcher, B.Sc. Computer Science, University of Namibia, 2018
- Published ACM Natural Language Processing Researcher