

PROSPER MAPEPA

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SUMMARY

I'm a Secure Full-Stack Software Engineer with 7+ years of experience building secure, scalable web and mobile applications using technologies like React, React Native, NestJS, Node.js, and PostgreSQL. I specialize in designing high-impact solutions by aligning user needs with technical requirements, delivering performance, security, and usability across modern platforms.

TECHNICAL SKILLS

- React
- React Native
- TypeScript
- Tailwind CSS
- Node.js
- Next.js
- Redux Toolkit
- NestJS
- REST APIs
- PostgreSQL
- GitHub Actions
- JWT Authentication
- Secure Coding Practices
- Web Application Security

WORK EXPERIENCE

Central Michigan University

May 2025 - Present

Technolutions Slate CRM Assistant

- Provide front-end user support for faculty, staff, and students using the Technolutions-Slate CRM system.
- Monitor and manage data imports and feeds to ensure accuracy and reliability.
- Create, audit, and maintain user accounts to ensure proper secure access and functionality.
- Develop and update end-user documentation to support effective system use.
- Troubleshoot and resolve technical issues related to Slate and related processes.
- Collaborating with the team leads to completing projects and implementing system improvements.

GrowthSense Tech Services Ltd (UK) - Remote

Jan 2023 - December 2024

Lead Full-Stack Software Engineer

- Led a team of 5 engineers to build **xGatePay UK**, a secure multi-currency remittance mobile app. [View on App Store](#).
- Directed the development of ELMS Rota, a UK caregiver shift & leave management system. [View Web Application](#) | [View on App Store](#).
- Mentored junior developers and conducted code reviews to enforce best practices.
- Collaborated with team members on complex programming projects in fast-paced environments.

- Implemented development using ReactJS, NextJS, React Native, TypeScript, Tailwind CSS, Redux, PostgreSQL, and NestJS.
- Developed fully responsive web applications and cross-platform mobile applications (iOS & Android).
- Developed secure REST APIs (NestJS, JWT, SQL, Postman, Swagger).
- Coordinated Agile workflows with Azure DevOps and Jira (sprint planning, CI/CD pipelines).
- Analyzed SIEM logs and applied Security Intelligence for data integrity, resolving challenges, and ensuring scalable architecture.
- Conducted penetration testing on software applications and REST APIs to identify and address vulnerabilities.
- Documented, monitored, and improved development processes to ensure consistent product quality.
- Researched and adopted emerging technologies to improve performance, security, and team innovation.

Software Engineer

October 2021 – December 2022

- Developed a comprehensive enterprise security web and mobile application for UK care agencies to manage real-time medication administration and staff scheduling. [View Web App](#) | [View on App Store](#)
- Designed and developed a dynamic, mobile-responsive website for promoting UK Gen-Z artists, music events, and entertainment content. [View Web App](#)
- Strengthened an artist promotion site with responsive design, efficient state management using object-oriented practices, and phishing awareness.
- Enhanced scalable eCommerce platforms with secure payment gateways, analyzing data structures for insider threat mitigation using Splunk.
- Executed full SDLC, performing penetration testing and deploying secure solutions.
- Applied strong problem-solving, detail-oriented, logical thinking skills to overcome technical challenges and deliver efficient solutions.

Junior Software Engineer

January 2020 – September 2021

- Designed and developed a secure, user-friendly Local Remittance System enabling users to send, receive, and request funds within a specific region. The platform supports multi-wallet functionality, real-time balance updates, and detailed transaction history management, delivering a seamless digital money transfer experience. [View Web App](#)
- Participated in the development and testing of real-world web applications.
- Trained in ReactJS, Node.js, Tailwind CSS, and CMS platforms (WordPress).
- Engaged in pair programming, CI/CD, and requirements gathering.
- Built responsive websites and internal tools, improving usability and performance.

EDUCATION/PROFESSIONAL AFFILIATIONS

- Currently pursuing a **Master of Business Administration (MBA) in Cybersecurity** at **Central Michigan University** (Jan 2025 – Dec 2026, expected).

- Earned a **Bachelor of Technology (Honors) in Information Security and Assurance** from the **Harare Institute of Technology**, Zimbabwe (Aug 2015 – Oct 2019).