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 React, React Native, NestJS, and PostgreSQL. Currently pursuing an MBA in Cybersecurity, with strengths in secure coding practices, JWT authentication, and secure UI frameworks.

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 distributed software systems 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, digital forensics, intellectual property, trade secrets, security engineering, 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, CMS platforms (WordPress), and computer science principles.
- Engaged in pair programming, CI/CD, and requirements gathering.
- Information Technology using internal tools, improving efficiency 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).