

# Peter Lugo

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## Professional Summary

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Full-Stack Software Engineer with hands-on experience in building and enhancing web applications. Proficient in JavaScript, React, Node.js, and product development, with proven success in designing and implementing practical solutions. Demonstrated ability to create user-friendly systems that improve efficiency and drive growth. Passionate about leveraging technology and travel to shape impactful user experiences.

## Education

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### Technical University of Mombasa, Kenya

*Bachelor, Computer Science*

**Present**

### University of Engineering and Technology Lahore, Pakistan

*Bachelor, Engineering*

**2019 - 2023**

## Professional Experience

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**2023 - Present**

### *Web Developer (Freelance/Projects)*

- Designed and implemented asset management and procurement systems featuring asset tagging, transfers, and disposal tracking, emphasizing user-centric product development and scalable architecture.
- Built a comprehensive school management system with modules for exams, attendance, and multi-role user management (admin, teachers, students, parents), demonstrating full-stack product development and end-to-end solution delivery.
- Developed authentication systems with secure password hashing, sign-up, and password recovery features, integrating best practices in debugging and code review.
- Created interactive dashboards and reporting tools to simplify decision-making for administrators, leveraging JavaScript and React to deliver engaging user interfaces.
- Engineered a bidding website for a car selling company that enables real-time bid watching and submission, focusing on rapid feature delivery and seamless user experience.

**2020 - 2022**

### *Call Center Sales Agent – Solar Energy Solutions*

- Promoted solar panel solutions to clients, consistently meeting sales targets.
- Strengthened client engagement through clear communication and needs-based recommendations.
- Built resilience and negotiation skills in a high-pressure, results-driven environment.

## Projects (Selected)

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### University Procurement System

- Transitioned manual procurement processes into a digital platform using React, Node.js, and PostgreSQL.

### School Management System

- Designed a comprehensive system for managing student records, grades, attendance, and class reports.

### Asset Management System

- Built a tagging and tracking system for institutional assets with modules for transfer, disposal, and reporting.

### Synchronous Self-Driving Cars

- Engineering project I built using Arduino microcontroller and sensors to implement a fully functional self-driving car.

## Technical Skills

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- **Languages & Frameworks:** PHP, JavaScript, React, Node.js, HTML, CSS, Typescript
- **Databases:** PostgreSQL, MySQL
- **Tools & Libraries:** PhpSpreadsheet, Bootstrap, Git, GitHub
- **Core Competencies:** Web Application Development, CRUD Operations, Authentication Systems, Data Management, Reporting Modules, Customer Service, Debugging, Code Review, Product Development

• **Interests:** Technology & System Design, Sports, Continuous Learning & Self-Development