KASIMU OZETO

SOFTWARE DEVELOPER | FULL STACK WEB DEVELOPER | Open to Remote (WFA) roles
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PROFILE

• Software developer transitioning from mechanical engineering, with hands-on experience building full-stack web applications using JavaScript, React, PHP and SQL.

• Completed a full-stack development traineeship and built two working applications integrating REST APIs, databases and responsive interfaces.

• Brings professional engineering experience in complex problem-solving, technical design, requirements and multidisciplinary collaboration.

• Interested in backend development and building reliable, practical software solutions.

TECHNICAL SKILLS

Languages: JavaScript, Python, PHP, SQL, HTML5, CSS3 **|** **Frameworks/Libraries:** React, jQuery, Bootstrap, Redux **|** **Backend:** PHP, Node.js, REST APIs, API integration **|** **Tools:** Git, GitHub, Command Line **|** **Databases:** MySQL, MariaDB, PostgreSQL

SOFTWARE DEVELOPMENT EXPERIENCE

Gazetteer — Full-Stack Web Application | JavaScript, jQuery, PHP, HTML, CSS, APIs

• Built a responsive, mobile-first web application providing country information through third-party REST APIs.

• Developed client-side functionality with JavaScript/jQuery and server-side components using PHP.

• Integrated external APIs including GeoNames and OpenWeather to retrieve and process geographic and weather data.

• Designed and tested the application against a defined specification, with emphasis on functionality, usability and reliable operation.

Company Directory — Full-Stack Web Application | JavaScript, PHP, MySQL, HTML, CSS, APIs

• Built a mobile-first application for maintaining a company personnel database using MySQL.

• Developed front-end and server-side functionality to create, read, update and manage personnel records.

• Worked from a user requirements specification and independently tested the completed system against its requirements.

Full-Stack Development Traineeship — IT Career Switch Ltd | 2024

• Completed a one-year full-stack development programme covering JavaScript, React, PHP, SQL, Python, Node.js, HTML/CSS, jQuery, Git and GitHub.

• Applied the curriculum through practical development projects involving APIs, databases and responsive web applications.

PROFESSIONAL EXPERIENCE

Assistant Mechanical Engineer — S. I. Sealy & Associates | Apr 2025 – Present

• Leading the AI innovation team to explore opportunities for AI integration and automation within the business.

• Designing HVAC and public health building-services systems in accordance with CIBSE standards, building regulations and energy-efficiency requirements.

• Producing technical designs, drawings and schematics and undertaking site surveys to improve design accuracy.

• Applying structured engineering problem-solving while coordinating technical requirements across projects.

Intermediate Mechanical Engineering Consultant — McCann & Partners | Apr 2024 – Jul 2024

• Produced calculated ventilation and public health designs using AutoCAD and Revit, based on load calculations using TAS and Hevacomp.

• Collaborated with multidisciplinary teams, contractors and clients to solve design problems and deliver effective solutions.

• Represented the design team in client meetings, provided project updates and supported projects through construction and installation.

Earlier Engineering Experience — Junior Mechanical Design Engineer roles at Adaptive Cooling Ltd (2022–2023) and Ark M&E (2019–2020), delivering technical building-services designs, collaborating with multidisciplinary teams and supporting projects through design and construction.

EDUCATION

BEng Mechanical Engineering — Swansea University | 2016 – 2019