

TECHNICALLY SKILLED MASTER'S GRADUATE WITH EXPERIENCE IN FULL-STACK WEB DEVELOPMENT
BACK-END FRAMEWORKS • TECHNICAL PROJECT MANAGEMENT • ANALYTICAL THINKING

Analytically minded graduate whose impressive academic background is underpinned by recent success in technical project management and software development. Defined application architecture while facilitating rapid application deployment through full Software Development Life Cycle (SDLC) knowledge and Agile (SCRUM) methodologies as Technical Lead. Championed a focus on code stability and performance, including analysis and optimisation across multiple platforms, code improvement and defect resolution. True digital native; receptive to new and emerging technologies, including cloud tools and frameworks. Global mind-set and strong cultural awareness gained via international experience and a love of travel.

// EDUCATION AND QUALIFICATIONS

University of Exeter, UK **2018-2021**

MSc. Renewable Energy Engineering

- Studied wind, solar, marine and renewable heating, as well as hydropower, geothermal and conventional energy.
- Analysed challenges associated with cutting carbon emissions and barriers to new energy technologies.
- Enhanced knowledge of power electronics and power systems, data acquisition and automation.
- Delineated design considerations for project development and operations and maintenance.
- Improved awareness of sensors, data acquisition systems and control equipment.
- Key Modules: Climate Change, Sustainable Architecture, Solar Research and Low Carbon Vehicles.

University of Mines and Technology Tarkwa, Ghana **2014-2018**

BSc. Mechanical Engineering

// PROFESSIONAL EXPERIENCE AND ACHIEVEMENTS

Validient, Newport, Wales **2020-Present**

Co-Founder

Call upon technical expertise, complemented by an entrepreneurial spirit as Co-Founder of this innovation-led software company.

Key achievements

- Contributed to scalable and innovative products while championing cutting-edge development practices and deployment via Continuous Integration (CI) / Development (CD) pipelines.
- Optimised client-facing processes within legal industry settings via a client lifecycle management system.
- Fostered relationships with both commercial and personal clients in support of business development.

// PROFESSIONAL EXPERIENCE AND ACHIEVEMENTS CONTINUED

The Alacrity Foundation, Newport, Wales

2020

Technical Lead

Facilitated development of critical projects within this non-profit organisation while contributing to technical decision-making, bug resolution / mitigation and application administration.

Key achievements

- Utilised in-depth knowledge of JavaScript and node.js, including a full Create, Read, Update, and Delete (CRUD) operation web application using PHP and Laravel framework.
- Gained awareness of product discovery, backlog creation, Sprint cycle, testing and retrospectives associated with SCRUM frameworks.
- Orchestrated full-stack development of web on-boarding web application.
- Oversaw seamless cloud deployments using Amazon Web Services (AWS).

// OTHER ACHIEVEMENTS

Benjamin Jones and Associates Limited

2018

National Youth Service Corps

- Optimised productivity and efficiency having conducted technical surveys and submitted technical reports for clients and insurance companies within stringent deadlines

Japan Motors and Trading Company Tema, Ghana

2017

Maintenance Workshop Technician (Intern)

- Increased turnaround time 35% and passed all quality control checks, conducive to performance excellence.
- Organised workloads and balanced conflicting priorities having serviced 90+ vehicles weekly.

Manipal Institute of Technology (MIT) Manipal, India

2016

Workshop Technician / Teaching Assistant (Intern)

- Safely and efficiently operated machinery; supported students in equipment use via workshop creation and delivery.

// IT SKILLS

Programming Languages: C#, PHP, JavaScript (TypeScript) and Python

Libraries and Frameworks: Node.js (Express), Vue.js and Laravel

Collaboration: GitHub, Slack, Confluence, Jira and Miro

Cloud Architecture: Amazon Web Services (AWS)

Design: AutoCAD and SolidWorks

// OTHER INFORMATION

Affiliations: Society of Petroleum Engineers (SPE) and Energy Institute (EI)