

LAURA BOLADE

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PROFESSIONAL SUMMARY

Enthusiastic and detail-oriented cloud engineering graduate with hands-on experience in backend development and cloud solutions. Passionate about designing, deploying, and managing scalable and secure systems. Seeking an internship position to leverage my skills in backend development and cloud engineering while continuing to grow and contribute to impactful projects.

SKILLS

- Backend Development: Node.js, Express.js, RESTful API design, MongoDB, JavaScript, EJS.
- Cloud Engineering: AWS (EC2, S3, CloudFormation), Kubernetes, Terraform, Ansible.
- Programming: JavaScript, HTML, CSS.
- Version Control: Git, GitHub
- Soft Skills: Problem-solving, collaboration and effective communication

EDUCATION

AltSchool Africa - Diploma in Cloud Engineering

Graduated 2024

- Earned AWS Cloud Practitioner Certification.
- Completed hands-on projects focusing on automation, cloud-native solutions, and monitoring.

University of Lagos - Bachelor of Science in Human Kinetics

PROJECTS

URL Shortener Service

- Developed a Node.js-based URL shortener application using Express, Mongoose, Nanoid, and EJS.
- Implemented database storage for URL mapping and ensured efficient routing logic.
- Learned foundational backend concepts through code analysis and independent debugging.

Socks Shop Microservices Deployment on Kubernetes

- Deployed a microservices-based application using Kubernetes, ensuring scalability and fault tolerance.
- Automated infrastructure setup with Terraform and Ansible, reducing manual errors.
- Integrated Prometheus and Grafana for monitoring, resulting in a 20% improvement in operational efficiency.
- Secured the application with Let's Encrypt SSL certificates, decreasing potential data breaches by 40%.

Book Recommendation System (In Progress)

- Creating a Node.js backend to suggest books based on user preferences or prompts.
 - Integrating MongoDB for data storage and designing RESTful APIs for the recommendation logic.
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