



# Gerard Eklu

SOFTWARE ENGINEER

## ABOUT ME

Results-driven Software Engineer with 5+ years of experience in full-stack development, specializing in JavaScript, React, Node.js, and MongoDB. Skilled in building scalable UIs, automating CI/CD pipelines, deploying to cloud platforms (GKE, GCP), and integrating Medallia. Strong background in Agile, test-driven development, and performance optimization. Proven ability to improve engineering efficiency and code quality.

## PERSONAL DETAILS

- Atlanta, GA
- gerard.eklu@yahoo.fr
- +17708857398
- in/gerard-eklu-270422151/

## EXPERIENCE

- The Home Depot**  
**SOFTWARE ENGINEER** Sep 2019 - Mar 2025
  - Built and optimized scalable React components with Material UI
  - Reduced bugs by 40% via unit/E2E testing (Jest, Enzyme)
  - Automated CI/CD workflows, cutting deployment errors by 50%
  - Created real-time dashboards, reducing manual reporting by 30%
  - Integrated Medallia feedback for improved issue detection
  - Migrated secrets to GKE Vault, lowering config errors by 25%
  - Led Angular upgrades (v6 → v14), enhancing security and performance
  - Implemented SonarQube & Fortify to ensure code quality and compliance
- The Home Depot**  
**SOFTWARE ENGINEER APPRENTICE** Jul 2018 - Sep 2019
  - Developed internal time-tracking app using React and Node.js
- DigitLabs**  
**WEB DEVELOPER INTERN** Dec 2017 - Feb 2018
  - Contributed to an e-commerce platform using Ruby on Rails and secure payment integration

## EDUCATION

- The Home Depot**  
**SOFTWARE ENGINEER APPRENTICE** 2018
- Udacity**  
**INTRO TO PROGRAMMING** 2017
- Central Texas College | Georgia Perimeter College**  
**COURSEWORK: IT | HEALTH SCIENCE** From - Until

## SKILLS

Performance Optimization	Test-Driven Development	UI Development
Cloud Platforms	Agile Methodology	CI/CD(TeamCity, Github Actions)
Git	Express.js	Jest
Redux	CSS3	HTML5
MongoDB	Node.js	React
JavaScript		