Graham Ransford

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# Objective

Dedicated Computer Science graduate with expertise in programming, data structures, and algorithms. Seeking a position where I can leverage my technical skills to contribute to innovative projects and support team objectives.

# Education

Bachelor of Science in Computer Science  
University of Cape Coast (UCC), Cape Coast, Ghana  
CGPA: 2.75 (Expected improvement pending final assessments)  
Graduated: 2024

# Skills

- Programming Languages: JavaScript, HTML, CSS, Node.js, Express, PHP, MySQL, Laravel  
- Web Development: Bootstrap 5, JSON, jQuery UI, SweetAlert2  
- Database Management: MySQL, JSONPlaceholder  
- Project Management Tools: Git, Trello  
- Problem Solving: Data structures, Algorithms, Bisection Method  
- Tools & Technologies: RESTful API development, Multer, Path handling, CORS

# Projects

School Management System (Node.js, Express, MySQL)  
- Developed an admin dashboard for managing student information, school fees, and term updates.  
- Created API endpoints for updating student passwords and fetching term data.  
- Integrated file uploads using Multer and implemented responsive designs for mobile compatibility.

Aframah Herbal Management System (JavaScript, JSON, Bootstrap 5)  
- Designed a drug store management system where Admins can add, view, and sell drugs.  
- Implemented features for tracking daily drug sales and managing stock via a JSON database.  
- Used SweetAlert for alert dialogs and login/signup processes.

Bills of Clothes Management App (Laravel)  
- Developed an app to manage clothing stock for shop owners, allowing them to add/remove stock, track customer purchases, and manage sub-accounts for workers.  
- Created customer management features for viewing purchase history and editing amounts owed.

Java Notepad Project  
- Developed a Notepad application in Java that allows users to join points and read notes offline.  
- Implemented features for creating, saving, and managing notes in an offline environment.

Chat Application Project  
- Collaborated with a friend to develop a chat application as a school project.  
- Focused on both frontend and backend development to ensure smooth communication between users.  
- Implemented real-time messaging features, user authentication, and a responsive interface.

# Experience

Freelance Web Developer  
2022 – Present  
- Built responsive web applications using JavaScript, HTML, CSS, and frameworks like Bootstrap and Laravel.  
- Collaborated with clients to design and implement custom management systems.  
- Utilized databases like MySQL and JSON for backend services.

# Certifications

- JavaScript Algorithms and Data Structures Certification  
- Web Development Bootcamp Certification (2023)

# Hobbies & Interests

- Problem-solving challenges  
- Reading technology blogs  
- Exploring new web development frameworks

# References

Available upon request.