Oluwadamilola Ogunbode

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Education

University of Maryland, College Park   **GPA: 3.9**
Bachelor of Science in Computer Science   *Expected Graduation: May 2026*

Prince George's Community College   **GPA: 4.0**
Associate of Science in Computer Science   *Aug 2022 - May 2024*

Relevant Coursework: Data Structures & Algorithms, Computer Systems, Object-Oriented Programming, Discrete Mathematics, Organization of Programming Languages, Data Science, Web Development, Artificial Intelligence

Experience

Software Engineer Intern   **June 2025**
Maplarge, Atlanta, GA   *Remote*

- Developed interactive demo applications showcasing MapLarge's data visualization capabilities, which were used by product and sales teams for client presentations and internal feature demonstrations
- Integrated MapLarge dashboards into multiple front-end frameworks (e.g., React, Angular) to ensure seamless embedding and interactivity across diverse application architectures.
- Contributed to Agile development cycles and code reviews while leveraging Azure DevOps CI/CD pipelines to improve deployment reliability and code quality

Software Engineer   **June 2024 - Present**
My Fridge Rental   *Remote*

- Developed a comprehensive analytics dashboard tracking 500+ daily deliveries and service requests while optimizing web performance by following key best practices and core architecture principles
- Architected efficient Firebase database schema with optimized queries reducing user wait time by 50%, then was involved in a complete data migration to AWS Amplify with GraphQL to modernize backend infrastructure
- Collaborated in weekly cross-functional planning sessions to define product specifications and technical requirements, ensuring alignment between business objectives and development priorities

IT Support Specialist   **Feb 2025 - Present**
SPH, University of Maryland, College Park   *College Park, MD*

- Organize, set up and troubleshoot AV and IT sytems for classes and zoom events.
- Manage and optimize the Jira service management system for handling tickets.
- Configure and maintain campus IT equipment, ensuring seamless functionality for students and faculty.

Projects

Funnels | *React, MongoDB, AWS S3, Cognito, TypeScript, Python*   **January 2025 - Present**

- Developed a full-stack web platform for computer science students to upload projects, share tutorials, and view hackathon and school-related events.
- Implemented features such as user authentication with cognito, project uploads with S3, and web scraping to get data for hackathons and school activities.
- Reduced API request time by 50% by splitting the backend into service-oriented components with optimized database indexing

GroupMail | *TypeScript, Node, Gmail API, Google Cloud Console, OpenAi Api*   **Aug 2024 - Nov 2024**

- Engineered a Chrome extension leveraging the Gmail API to automatically organize over 1,000 emails into categorized subfolders based on content.
- Implemented OAuth 2.0 for secure authentication and utilized natural language processing (NLP) to improve email categorization accuracy by 85%, streamlining email organization for users.
- Utilized the layout editor to create a UI for the application in order to allow different scenes to interact with each other.

Technical Skills

Languages: TypeScript, Python, Java, C, JavaScript, SQL, oCaml, x86
Libraries/Frameworks: Next, React, Node, Pandas, Numpy, scikit-learn, Django, Flutter, Express
Platforms: Azure Devops, Jira, AWS, Firebase, Git, REST APIs, Mongo DB, Prisma, Google Cloud Console