Constant N. Nortey Jr.

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EDUCATION

Kennesaw State University — **Marietta, Georgia**

Bachelor of Science in Software Engineering, Minor in Mathematics — *Expected Graduation, May 2026*

- **GPA:** 3.75/4.00, 3x *President's List*
- **Related Coursework:** Object-Oriented Programming, Calculus 1, 2 & 3, Introduction to Software Engineering, Discrete Mathematics, Data Structures, Computer Organization and Architecture, Software Testing QA, Operating Systems, User Centered Design, Software Project Management and Architecture

TECHNICAL SKILLS

Languages/Frameworks: Java, C#, Python, MongoDB, React.js, Typescript, HTML/CSS, SQL, ASP.NET Core, Assembly, Terraform
Developer Tools: Visual Studio Code, IntelliJ, Rider, AWS, Git, GitHub, GitLab, Figma, Bootstrap, Postman, Bruno, Datadog, Expo

EXPERIENCE

State Farm Insurance - Enterprise Technology — **Atlanta, Georgia**

Software Engineering Intern — *May 2023 – August 2023, May 2024 – August 2024*

- Utilized **Angular** Framework alongside **HTML/CSS** to update an internal website with content and new UI
- Used **Typescript** to update and maintain a **REST** API
- Researched on **JWTs** and updated authentication flow for services to support JWTs and created tests for API calls
- Created **Jest** unit tests to test **Typescript** code to ensure code quality
- Utilized **Terraform** to update **AWS** Infrastructure configurations (**Secret Managers, Lambda, ECS** etc.)
- Trained a Machine Learning Model with **AWS DeepRacer** and placed in top 10 fastest models

PROJECTS

ManageMe.io | *ASP.NET Core, C#, HTML/CSS, JavaScript, MongoDB, AWS Elastic Beanstalk* — **Atlanta, Georgia**

Backend Lead — *Jan 2025 – Present*

- Developed and deployed a full-stack web application using **ASP.NET Core MVC** and **MongoDB**, hosted on **AWS Elastic Beanstalk** for automatic deployment and scaling
- Implemented a scalable microservices architecture with repository pattern, achieving **99.9%** uptime and handling **1000+** concurrent users
- Created dynamic task management system with real-time updates and status tracking
- Integrated **MongoDB** for efficient data storage and retrieval, optimizing query performance by **35%**
- Currently developing comprehensive testing suite for both frontend and backend components using **Playwright and XUnit**

ColorStack KSU Website | *React.js, Git, HTML, CSS, JavaScript, Node.js, MongoDB* — **Atlanta, Georgia**

Tech Lead — *June 2024 – Present*

- Using **React.js** to develop a website for my college's ColorStack Chapter to provide easy access to resources and information. Live at **colorstacksu.vercel.app**
- Utilized **MongoDB** to store member information by running a script that calls **Google Sheets API** to send a payload of member information and updates the database collection accordingly.

LEADERSHIP/ACTIVITIES

Kennesaw State's College of Computing and Software Engineering — **Marietta, Georgia**

Lab Tutor/Assistant Team Lead — *Aug 2023 – Present*

- Facilitate programming labs for **Java, Python** and **C#** and assist over 300 students with completing labs and assignments
- Elaborate and break down programming concepts to students to improve student's understanding
- Awarded for obtaining most appointments (318) during the Spring 2024 semester

ColorStack at Kennesaw State University — **Marietta, Georgia**

Academic / Software Chair — *March 2024 – Present*

- Design and manage software related projects and activities that provide students with relevant technical skills
- Provide resources and organize events for members that allow them to develop technical skills

AWARDS/CERTIFICATIONS

- AWS Certified Cloud Practitioner
- 1st Place Winner in Kennesaw State University 2024 & 2025 Spring Hackathon for Social Good