

# ASUM VICTOR

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## EDUCATION

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**Ashesi University**—1 University Ave, Berekuso Aug, 2027

**Bachelor of Science in Computer Science**

*Relevant coursework:* Design Thinking, Algorithms,

**Microverse**— San francisco, CA, USA Nov, 2023

**Software Engineering Immersive**

*Relevant coursework:* Frontend, backend, Database management, Data structure & Algorithm, Web Securities

## SKILLS & CERTIFICATIONS

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- **Skills:** Python, Javascript, Typescript, React, Node/Express, NextJs, MongoDB, Redux
- **Tools & Methods:** Git, GitHub, AWS S3, Jest, Mocha, TDD, Chrome Dev Tools, Mobile/Responsive Development.
- **Professional:** Remote Pair-Programming, Teamwork, Mentoring, Attention to detail, leadership

## EXPERIENCE

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**Ckodon Foundation - Backend Developer** | Kumasi, GH | Hybrid *Sep 2023– Nov 2023*

- Optimized data operations by using MongoDB aggregates and pipelines for efficient CRUD functionality. Developed 8+ RESTful API endpoints in Node.js/Express for streamlined communication.
- Implemented JSON Web Token (JWT) authentication to securely authenticate users at every API endpoint and strengthen data protection and security.
- Learned and applied JIRA for agile task management and GitHub Actions for automated workflows to enhance team collaboration streamline development, improve project management, and enable continuous integration.

**Ckodon Foundation - Frontend Developer** | Kumasi, GH | Hybrid *Jun 2023– Sep 2023*

- Applied Jest and React Testing Library to write comprehensive front-end tests, achieving 97% code coverage and reducing post-release bugs by 13%.
- Built user-friendly and responsive front-end applications using React, Next.js, TypeScript, Tailwind CSS, and Material UI, resulting in a 22% increase in accessibility metrics and page load speeds.
- Created reusable code components in React, NextJs, and TypeScript, achieving 35% faster development with improved maintainability for scalability.

**Microverse- Quality Assurance Support** | San Francisco, CA | Remote *Jun 2023– Aug 2023*

- Improved Microverse's proprietary software knowledge by 30% by providing technical support and thoroughly testing functionality and quality.
- Performed weekly code reviews for 4+ students, achieving a 20% improvement in code quality and adherence to project requirements through rigorous review processes.
- Improved codebase organization and efficiency by 10% through analyzing code and providing recommendations for optimizing structure and architecture.

## PROJECTS

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**Veas Closet - Fullstack** | Freelance Project

[GitHub](#) | [View Project](#)

- Engineered a full-stack eCommerce platform with user authentication, payment integration, and an administrative dashboard with Google Analytics integration; provided secure transactions, seamless checkout, and data-driven insights into customer behavior.
- **Utilized:** React, Javascript, Express/Node, Redux, JWT, AWS, Google Analytics

**Pink Chat** | Ongoing Project

[GitHub](#) | [View Project](#)

- Developing a social and dating application with real-time communication capabilities and robust security protections for user data. Implementing features to enable seamless real-time interactions while prioritizing user privacy and safety.
- **Utilized:** NextJs, Typescript, SocketIO, MongoDB, Node/Express