

JESCAPS NYARKO ANTWI

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PROFESSIONAL SUMMARY

Aspiring full-stack developer with a strong foundation in JavaScript, TypeScript, and modern frameworks like React and Node.js. Passionate about building intuitive, accessible web applications that solve real-world problems. Skilled in consuming REST APIs, debugging front-end issues, and optimizing performance. Interested in no-code tools and workflow automation to accelerate development. Strong communicator with a collaborative spirit and a keen eye for UX and system efficiency.

EDUCATION

Ashesi University
BSc. Computer Science

Berekuso, Eastern Region
Expected Date of Graduation: Sep 2027

Relevant Courses

Introduction to Computing, Computer Programming for CS, Discrete Structures and Theory, Data Structures and Algorithms, Object Oriented Programming, Database Management Systems, Introduction to AI, Calculus.

ACHIEVEMENTS/AWARDS

The MasterCard Foundation Scholarship Program, Ashesi University

Sep 2024 – Sep 2027

WORK EXPERIENCE

Oasis Infobyte, India

Jun 2024 – Oct 2024

Front End Developer Intern (Remote) | [LINK](#)

- Collaborated on three client-facing projects, solving UX issues and boosting success rates by 30%.
- Built a task management app for organizing 50+ daily tasks, demonstrating JavaScript state handling.
- Debugged front-end functionality and improved UI responsiveness for a calculator handling 100+ calculations weekly.

Databank, Ghana,

Mar 2025 – Apr 2025

Volunteer Full-Stack Developer | [LINK](#)

- Built an employee management dashboard that reduced manual HR processes by 40%.
- Automated workflows using backend logic and no-code prototyping tools.
- Integrated charts for data visualization, enabling HR to make data-driven staffing decisions.

PROJECTS

Employee + Human Capital Dashboard | [LIVE LINK](#)

Mar 2025 – Apr 2025

Lead Developer | MongoDB, Express.js, React, and Node.js

- Built a performance-tracking dashboard with RBAC and optimized load speed by 40%.
- Enabled dynamic HR analytics via REST APIs and visualized KPIs in real time.
- Focused on accessible UI design to ensure usability across all staff roles.

Client Portfolio | [LIVE LINK](#)

Mar 2025 – Apr 2025

Lead Developer | React, Typescript, Vite, Shadcn UI

- Created a branded personal portfolio site, solving visibility challenges for the client.
- Improved mobile usability (100% compatibility) and reduced bounce rate by 40%.
- Applied UX design principles and debugged animation glitches to enhance retention.

iGEM Client Website | [LIVE LINK](#)

Jan 2025 – Feb 2025

Lead Developer | React, TypeScript, Tailwind CSS

- Cloned and enhanced an existing iGEM site to improve structure and responsiveness.
- Conducted usability testing with 20+ users; 85% rated the experience intuitive.
- Solved layout accessibility issues and ensured WCAG-aligned styling.

Hospital Management System | [LIVE LINK](#)

Mar 2025 – Present

Lead Developer (Team of 4) | Full-Stack App

- Build a centralized records system solving patient data fragmentation.
- Integrate REST APIs for real-time appointments and test results.
- Debugged database sync issues and improved staff workflows with UI enhancements.

SKILLS

- **Technical:** JavaScript, TypeScript, SQL, HTML5, CSS3, React, Node.js, Express, MongoDB, MySQL, Tailwind CSS, Python, Java, Next.js, REST APIs, UI/UX Design, Debugging.
- **Soft:** Collaboration, Problem-Solving, Troubleshooting, Communication, Attention to Detail.
- **Tools:** Git, GitHub, GitLab, Postman, Figma, WordPress, Canva, VS Code, IntelliJ, RStudio, MongoDB Compass, No-code Builders (e.g. WordPress, Zapier).