

Akash Balaji

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EDUCATION

Pennsylvania State University, University Park

Fall 2021-Present

- Bachelor of Science (Computer Engineering with minor in Math)
- Honors: Dean's List Spring 2022

State College, PA

Work Experience

Software Engineering Intern

May 2023 – August 2023

Contec Global Limited

Lagos, Nigeria

- Led effort to improve network performance and security with Sophos, categorizing staff into levels to reduce traffic and boost efficiency
- Granted higher bandwidth to senior team, enhancing performance and productivity through optimized resource allocation
- Involved in full development lifecycle of an app, gaining expertise in large-scale tech projects
- Actively participated in the debugging process, identifying, and resolving issues that arose during development

Student Employee

Jan 2023 - May 2023

Penn State Behrend Catering

Erie, PA

- Responsible for preparing food and ensuring it was arranged properly, as well as adhering to quality standards, and assisted with student payments by operating the sales register and card system
- In addition to these duties, required to maintain cleanliness in the kitchen and follow the university's policies and guidelines for hygiene, including checking expiration dates and the quality of kitchen equipment

Intern

May 2022 – August 2022

Purechem Manufacturing Limited

Lagos, Nigeria

- Learned how to use SAP
- Managed and sorted reports in an online database
- Collaborated with colleagues to implement innovative solutions and understanding ERP system in place
- Embraced new challenges with enthusiasm, accelerating my learning and professional growth

Personal Projects

E-portfolio

May 2023 – August 2023

- Implemented a sleek and modern website design using HTML, CSS, and JS, showcasing my portfolio in an elegant and user-friendly manner
- Integrated a user-friendly dark mode option, allowing visitors to switch between light and dark themes for enhanced readability and a more personalized browsing experience
- Ensured seamless accessibility across various devices and platforms by employing responsive design techniques

SAVNAC (Student Dashboard)

November 2023

- Developed a full-stack web application using HTML, CSS, JavaScript for the front-end and PHP for the back end, showcasing proficiency in both client and server-side technologies
- Designed and implemented an interactive and user-friendly interface, incorporating responsive design principles to ensure optimal viewing on various devices
- Leveraged PHP to create a robust back-end system, handling server-side scripting, database management, and dynamic content generation for a seamless user experience

TECHNICAL SKILLS

- Languages/Skills** - C++, HTML5, Python, Java, JavaScript, CSS, Experience with Windows, Linux/Unix
- Frameworks** - React, Node.js, Angular, WordPress, Material-UI, Git, GitHub, VS Code, MS Office
- Strengths** - Strong communication skills, Analytical skills, Leadership, Problem-Solving Abilities, Teamwork

Professional Certificates

SAP Simplified for Absolute Beginners

May 2023 – August 2023

- Issued – May 2022
- Credential ID - UC - 2412b6b6-a777-4809-845a-f9fdcd7fc16e

Java from Beginner to Expert

May 2023 – August 2023

- Issued – May 2022
- Credential ID - UC-963fb600-acdf-446b-beff-2d45a53bc6b4