VICTOR BOATENG

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Software Developer and Quality Assurance Engineer having experience with a strong background of software development, testing and enhancement. Full proficiency in advanced testing frameworks and technologies. Proven leadership abilities in adopting new technologies within AI-driven settings to create and deliver solutions that are top quality and result in an increase in organizational efficiency and user satisfaction.

PROFESSIONAL EXPERIENCE

Graduate AI Software Tester
Content Guru   Oct 2023 – Present

- **Test Planning and Execution:** Plan and execute comprehensive tests to identify and fix the defects that help lead the BRAIN AI solutions team.
- **Collaboration and Quality Control:** Collaborated with teams in the testing of test plans that helped improve the software quality of Content Guru, gaining trust from our clients.
- **Advanced Testing Techniques:** Carried out regression, automation, and performance tests to help improve the stability of the product and aid customers in attaining greater satisfaction levels.
- **Technological Proficiency:** Used advanced testing tools like SpecFlow, Postman, and Cypress for thorough and quality testing.

Junior Software Engineer Intern
American Express   Jun 2023 – Aug 2023

- **Development of the Dynamic Trace Comparator Tool:** Developed a dynamic trace comparator tool that enhances the diagnosis and remediation of test failures in a continuous integration (CI), build pipeline through enabling trace comparisons against master traces.
- **Data Model and API Design:** Defined and implemented a strong data model, designed APIs, and enhanced the user interface for improved automated testing capabilities.
- **Feedback Loop Enhancement:** Accelerated feedback loops for engineers, thereby facilitating faster and more efficient development of new features and technical innovations.

Software Engineer Accelerator Programme
Journi   Jan 2023 – Apr 2023

- **Professional and technical masterclass participation:** Took part in professional and technical masterclasses on a weekly basis to increase skills and knowledge.
- **Spring Internship with American Express:** Three-week internship working with the AMEX Travel and Lifestyle (TLS) team.
- **User Interface Optimization for AMEX TLS:** Developed an optimized version of the user interface for AMEX Travel and Lifestyle agents, enhancing their communication efficiency with clients.
- **Project Presentation at AMEX:** Drafted and presented a completed project to the organization members, showcasing significant accomplishments.

SKILLS

- **Programming Languages:** Proficient in Java, Python, JavaScript, HTML, CSS; experienced with TypeScript and TailwindCSS.
- **Frameworks and Tools:** Advanced skills in React, Cypress, SpecFlow (.NET Core), Prometheus, Grafana, and POSTMAN for API testing. Familiar with k6 and LLM Prompt Engineering.
- **Software Development Practices:** Strong competencies in Agile Methodologies, Unit Testing, End-to-End (E2E) Testing, Continuous Integration and Continuous Delivery (CI/CD), and Version Control.
- **Databases:** Skilled in SQL database management. .NET Core: Experienced through academic projects and professional use in automated testing environments.
- **Key Competencies:** Versatility, ability to handle pressure, multitasking, proficient in inventory management, effective communication, strong organizational abilities, excellent presentation skills, keen attention-to-detail, and analytical thinking.

EDUCATION

LANCASTER UNIVERSITY   2020 – 2023
BSc (Hons) Computer Science – First Class Honors (1:1)

ST MARKS ACADEMY CHURCH OF ENGLAND   2014 – 2020
- A-levels: Mathematics (A), Chemistry (A), Physics (B).
- GCSEs in English Literature (8), Religious Studies (8), Physics (8), Chemistry (8), Biology (8), History (7), Mathematics (6), English Language (6), Statistics (C).
- Level 2 BTEC in Business Studies (Distinction).

ACHIEVEMENTS

- Lancaster University Gold Award.
- IPBS Business Sustainability Challenge Best Agricultural Solution 2021.
- Academic excellence for outstanding top 10 progress score 2019.