CURRICULUM VITAE

OSEI BISMARK

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CAREER OBJECTIVE

To be part of a result-driven, innovative and customer focused institution, whose vision is geared towards providing high quality products towards advancing corporate goals. I am enthused about learning new things necessary for my personal development. I have good communication skills which has helped me understand challenges people go through and offer solutions relevant to their needs. I look forward to a challenging job environment with responsibilities in the area of Web Development and Financial Analysis where my skills, capabilities and knowledge can be put to productive use to enhance and promote the goals and vision of the institution.

WORK AND PROFESSIONAL EXPERIENCE

1. **FIRST NATIONAL BANK,** Accra → TECHNICAL TEST ANALYST (JUNIOR MANAGEMENT)

   OCTOBER 2024 – CURRENT

   a) **Test Strategy & Planning**: Collaborated with cross-functional teams to define test strategies and plans, ensuring technical risk mitigation.

   b) **Test Design & Execution**: Designed and executed complex test cases focused on non-functional requirements, including performance, security, and scalability for Banking Application(Temenos) and Mobile Application.

   c) **Automation & Tooling**: Developed and maintained test automation frameworks using advanced tools and scripts, improving test efficiency and coverage.

   d) **Performance & Security Testing**: Conducted performance and load testing, and performed vulnerability assessments to ensure system security and stability.

   e) **Test Data Management**: Created and managed comprehensive test data sets for various testing scenarios, ensuring accuracy and completeness.

2. **STUDENT LOAN TRUST FUND,** Accra → APPLICATION DEVELOPER (ASSISTANT MANAGER)

   JANUARY 2023 – OCTOBER 2024

a) **Architected and Developed APIs:** Successfully created robust project structures and built high-performance APIs, ensuring seamless integration and functionality.
b) **Database Design and Optimization:** Expertly designed and built SQL databases, crafted complex queries, and created efficient stored procedures to enhance data management and retrieval processes.
c) **Code Review and Quality Assurance:** Conducted thorough code reviews to maintain high standards of code quality and consistency, ensuring best practices and optimal performance.
d) **Version Control and Conflict Resolution:** Proficiently managed code repositories using Git and Bitbucket, effectively pulled codes from team members, and resolved merge conflicts to maintain a smooth and efficient development workflow.
e) **Vendor Collaboration:** Effectively liaised with third-party software suppliers, ensuring seamless integration and collaboration to meet project requirements and deadlines.(Ghana.Gov, ADB, SSNIT and Emergent Payment Systems)
f) **Frontend and API Development:** Designed and implemented a dynamic frontend framework and built robust API endpoints to support and enhance user experiences.
g) **Application Support and Maintenance:** Managed and resolved support issues for five applications using Spiceworks, ensuring uninterrupted service and user satisfaction.
h) **Full-Stack Application Development:** Designed and implemented both the frontend and backend of the Tertiary Institution Portal (TIP), delivering a comprehensive and user-friendly solution for educational institutions.

3. **CRUX TRAINING INSTITUTION (PART TIME)** Accra → DATA ANALYST **(TRAINER)**

AUGUST 2023 – CURRENT
   a. Developed and delivered comprehensive training programs on data analysis, including the use of tools like Excel, SQL, Python, and pandas.

   b. Created detailed course materials, including presentations, tutorials, and hands-on exercises, to facilitate learning and application of data analysis techniques.

   c. Conducted workshops and training sessions to teach data collection, cleaning, analysis, and visualization methods.

   d. Guided trainees in the use of data visualization tools such as Tableau and Power BI to create insightful reports and dashboards.

   e. Provided one-on-one coaching and mentorship to help trainees build their data analysis skills and apply them to real-world scenarios.

f. Evaluated trainee progress through assessments and provided feedback to ensure continuous improvement.

g. Stayed updated with the latest trends and advancements in data analysis to keep training content relevant and up-to-date.

h. Collaborated with industry professionals to incorporate practical examples and case studies into the training curriculum.

i. Facilitated group discussions and activities to encourage knowledge sharing and collaborative learning among trainees.

4. **STUDENT LOAN TRUST FUND,** Kumasi → CUSTOMER

   EXPERIENCE OFFICER. (CONTRACT)

   SEPTEMBER 2022 – DECEMBER 2023

   a) Analyze and Prepare Data graphically on monthly reports for teams to inform strategy.
   b) Clean up Data for Compliance Team to easily analyze.
   c) Built a tracking system for regional repayment unit to monitor real-time delivery of letters.
   d) Involve in tracing borrowers to their various institutions.
   e) Call employers and borrowers on negotiations for repayment of debt owed.
   f) Assist IT teams to maintain computers and server at the regional office in Kumasi.
   g) Assisted the swat team in handling delinquent borrowers who were stubborn in paying their loans.
   h) Added Kumasi Regional office (location) on google maps.
   i) Built an application software to split compliance data to corresponding regions.

5. **STUDENT LOAN TRUST FUND,** Kumasi → LOANS OFFICER

   (NATIONAL SERVICE PERSONNEL)

   OCTOBER 2021 – AUGUST 2022

   a) Analyze and Prepare Data graphically on monthly reports for teams to inform strategy.
   b) Clean up Data for Compliance Team to easily analyze.
   c) Built a tracking system for regional repayment unit to monitor real-time delivery of letters.
   d) Involve in tracing borrowers to their various institutions.
   e) Call employers and borrowers on negotiations for repayment of debt owed.
   f) Assist IT teams to maintain computers and server at the regional office in Kumasi.
   g) Assisted the swat team in handling delinquent borrowers who were stubborn in paying their loans.

6. **233DEVLOPERS,** Remote, United States → Software Engineer and Data Analyst

(REMOTE WORK)

NOVEMBER 2021 – MARCH 2023

   a) Prepared pay role for employees in Ghana and Nigeria
   b) Built Administrative web sites for our clients on mobile applications.
   c) Developed wire frames for UI/UX designs.
   d) Contributed to the flow process of applications built by the mobile developers.
   e) Collaborate with staff and teams to develop, format and deploy content
   f) Fix bugs, troubleshoot and resolve problems.
   g) Build emails with CSS/HTML
   h) Build, Test and Implement APIs for web APPS.

EDUCATIONAL BACKGROUND

- Msc. Computer Science: University of Ghana Legon: **2024 – Current.**

- Bsc. Computer Science: Kwame Nkrumah University of Science and Technology: **2017-2021**.
- Senior High School Certificate Examination Opoku Ware Senior High School: **2013-2016.**
- Basic Education Certificate Examination: Martyrs of Uganda Senior High School: **2011-2013.**

CERTIFICATIONS & TRAINING

- **IPSAS (International Public Sector Accounting Standards) Training**
  - **Institution**: Student Loan Trust Fund
  - **Date**: May, 2024
  - **Details**: Completed comprehensive training on International Public Sector Accounting Standards, focusing on public sector financial reporting, transparency, and budgetary processes.

- **OPC (Online Preparation Course) for Master's in Computer Science**
  - **Institution:** University of Ghana
  - **Date:** September**,** 2024
  - **Details:** Completed an online preparation course designed to equip students with foundational knowledge and skills necessary for success in the Master's in Computer Science program**.**

SKILLS AND ABILITIES

- Hardworking and enthusiastic with excellent attitude towards work
- A team player with good interpersonal skills and abilities
- Punctual and reliable with the ability to complete task on time

COMPUTER SKILLS

- Ability to use **Tally Accounting Software, Microsoft Excel (Power Query, Power Pivot, Power BI and Dax), Microsoft word, Power Point and SPSS, JIRA, Confluence, ALM Octane, Slenium.**

- In depth Knowledge in **Python, Flask, FastAPI, TensorFlow, HTML, CSS, Javascript, Nodejs, React Framework, MERN Stack, Git, MongoDB and MySQL**, **SQL Server, Java, Csharp**

AREA OF EXPERTISE

- Application Developement (C#, Python, JavaScript)
- Data Science, Data Analysis, Data Visualization and Machine Learning.
- Web Development (Nodejs, HTML/CSS, Reactjs, Nextjs, vanilla Javascript).

PROJECTS

- Student Loan Application System. https://application.sltf.gov.gh/
- Landing page for Let's Talk Mobile App (Not Deployed) → https://lets-talk-web.github.io/landing-page/
- Ministry of Environment, Science, Technology and Innovation. StartUp Application Portal. https://stimis.mesti.gov.gh/
- My github repository will show all the list of projects I have done over the years. https://github.com/bis29abena

REFRENCES

Github: www.github.com/bis29abena

Linkedin: https://www.linkedin.com/in/bismark-osei-239453219

REFEREES

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