Mosa Mabula

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EDUCATION

Eduvos	**Midrand, Johannesburg**
BSc Computer Science	*Feb 2024 - Nov 2026*

- **Related Coursework:** Java, Web development, Data Structures & Algorithms, Objects & Software Design, Computer Organization & Programming, Database Systems, Cloud Technologies, Artificial Intelligence, Object-Oriented Programming, IT Project Management, Linux-based Operating Systems**,** Computer Architecture, Networking

VIRTUAL WORK EXPERIENCE

JP Morgan Chase & Co (through Forage)	**Remote**
Agile Virtual Experience Program	*Apr 2022*

- **Tasks Completed:** Learning the agile methodology, learning scrum, understanding user stories, performing daily standups, doing sprint reviews and retrospectives

Accenture (through Forage)	**Remote**
Developer Virtual Experience Program	*Jul 2021*

- **Tasks Completed:** Defining technical requirements, designing changes to existing architectural, scaling on-premise system infrastructure to cloud, reading and understanding code, debugging algorithms, unit testing, User Acceptance Testing, security maturity assessment, IAM policies and permissions, using the software development lifecycle

PROJECTS

Expense Analysis	**Remote**
GitHub	*Sep 2023*

- **Project Description:** Java-based application designed to help users manage their financial transactions and gain insights into their spending habits
- **Technologies Used:** Java

Task Tracker	**Remote**
GitHub	*Sep 2023*

- **Project Description:** Web-based application designed to help users efficiently manage their tasks and stay organized by keeping track of to-do lists for personal reasons, work reasons, and other tasks
- **Technologies Used:** HTML, CSS, JavaScript

EXTRACURRICULAR ACTIVITIES

Intro to Cloud Computing	**Remote**
Codecademy	*Jan 2022*

- **Skills Learned:** Careers in cloud, Cloud Deployment Models, Types of Cloud Services, Cloud Providers

Software Design Principles	**Remote**
Codecademy	*Nov 2021*

- **Skills Learned:** Object-Oriented Programming, Unified Modeling Language, SOLID Principles, Design Patterns, Model View Controller

Learn Git and GitHub	**Remote**
Codecademy	*Oct 2021*

- **Skills Learned:** Basic Git Workflow, Important Git Operations, GitHub and Markdown, Git Branching, Git Teamwork, Deploying Websites using Git and GitHub, GitHub Repositories, Issues, CLI, Actions

Learn Java	**Remote**
Codecademy	*Sep 2021*

- **Skills Learned:** Variables, Object-Oriented Java, Conditionals and Control Flow, Arrays and ArrayLists, Loops, String Methods, Access, Encapsulation and Static Methods, Inheritance and Polymorphism, Debugging, Two-Dimensional Arrays