PREVIN BOGOPA

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Portfolio: Click here to visit my site

Personal Details

Name	: Previn Mochabo
Surname	: Bogopa
Identity Number	: 0312065827080
Driver's License	: Code C
Gender	: Male
Employment:	: Unemployed
Disability	: None
Nationality	: South African
Residential Address	: 57 Banana crescent
	: Friendship Town Estate
	: Midrand
	: 1682

Career Objective

A Recent Full Stack Developer | Seeking to find the opportunity to work in a fun and challenging work environment that will encourage me to improve and learn new technologies in the tech sector.

Enthusiastic and dedicated Full stack developer with a strong foundation in Java, Spring Boot, React, and JavaScript. Passionate about building robust and user-friendly web applications. Committed to continuous learning and staying updated with emerging technologies.

Achievements and Leadership Roles:

- Allan gray top 6 entrepreneurship across Country

Education:

Senior Certificate: Matric: 3 Distinctions   **2021**
Name of School : Liberty Community School   Bramley, Gauteng

Degree/Diploma : BSc Computer Science   **2023– current**
Name of College/ Institution : UNISA   Online

Certifications and Qualifications:

Qualification : Java Full stack developer   **2023**
Name of College/ Institution : ZAIO   Online

Work Experience:

Botlhale Ai | Python Developer

Location: [Remote] | duration: 6 months

As a Python Developer at Botlhale Ai, I have played a key role in developing and maintaining various web applications that leverage Flask, Python, and SQLite for authentication and data storage. My responsibilities include creating robust and scalable solutions to meet the company's requirements.

Key Achievements:

1. Web Application Development:
    - Spearheaded the development of multiple web applications using Flask, focusing on delivering intuitive and user-friendly interfaces.
    - Successfully implemented authentication systems to ensure secure access for users, incorporating industry best practices for data protection.
2. Translator Collaboration Platform:
    - Designed and developed a specialized web application that serves as a collaborative platform for translators. This platform allows translators to review and edit translations generated by our Large Language Model .
    - Integrated Flask and SQLite to manage user profiles, translation data which was saved at ec2 , and user feedback, providing a seamless experience for translators.
3. API Development and Postman Integration:
    - Developed and maintained RESTful APIs to enable communication between different components of our system.
    - Utilized Postman for API testing and documentation, ensuring the reliability and efficiency of our APIs.
4. Artificial Intelligence Chatbot:
    - Collaborated on the development of an AI chatbot, leveraging Python and advanced natural language processing techniques.
    - Contributed to enhancing the chatbot's capabilities, including refining responses, improving user interactions, and implementing dynamic conversation flows.
5. Amazon EC2 Deployment:
    - Leveraged Amazon EC2 instances for hosting and deploying our web applications, ensuring high availability and scalability.
    - Implemented infrastructure as code (IaC) principles for efficient management and configuration of EC2 instances.

Skills Utilized:

- Python (Flask, requests library)
- SQLite
- RESTful API Development
- Postman
- Chatbot Development
- Artificial Intelligence

Working at Botlhale AI has provided me with valuable experience in developing innovative solutions in AI and web development. I am proud to contribute to projects that have a meaningful impact on language translation and communication.

Work Experience:

Nape Digital Solutions | web Developer

Location: [Remote] | duration: 1 year

As a Web Developer at Nape Digital Solutions, I have played a key role in developing and maintaining various web applications and systems that leverage React.js and Node.js for dynamic user interfaces and robust backend solutions. My responsibilities include creating scalable and efficient solutions to meet the diverse needs of our clients.

1. **Web Application Development**:
   - Spearheaded the development of multiple web applications using React.js, focusing on delivering intuitive and user-friendly interfaces.
   - Successfully implemented authentication systems to ensure secure access for users, incorporating industry best practices for data protection.
2. **Client-Focused Solutions**:
   - Collaborated closely with clients to understand their requirements and deliver customized web solutions.
   - Ensured responsive design and cross-browser compatibility to enhance user experience across different devices and platforms.
3. **React Native Development**:
   - Played a crucial role in developing React Native applications, delivering cross-platform mobile solutions for various clients.
   - Focused on creating responsive and performant mobile applications that meet client specifications and enhance user experience.

Skills Utilized:

- React.js
- Node.js
- Express.js
- MongoDB
- Web Development (HTML, CSS, JavaScript)
- RESTful API Development
- Postman
- React Native

Working at Nape Digital Solutions has provided me with valuable experience in developing innovative solutions in web and mobile development. I am proud to contribute to projects that have a meaningful impact on client satisfaction through responsive and dynamic web and mobile applications.

Projects:

Software Development Project
- **Project Title**: Employee Management System using Spring Boot
- **Project Description**: The Employee Management System is a Spring Boot application designed to provide a set of RESTful APIs for managing employee records. It allows users to perform Create, Read, Update, and Delete (CRUD) operations on employee data. This system utilizes Spring Data JPA in conjunction with an ORM framework for efficient database operations.
- **My Role**: As the programmer, my role involved designing and implementing the backend logic of the Employee Management System. This included creating the Employee entity, developing the REST Controller, and implementing the necessary CRUD operations.
- **Development Languages and Technologies**:   Java, Spring Boot, Spring Data JPA, Hib ,RESTful API, MySQL,Amazon RDS(hosting)
- **Framework**: Spring Boot provided a powerful and streamlined framework for developing this application. It offered features like automatic configuration, dependency management, and embedded servers, which significantly expedited the development process. Spring Data JPA, in combination with Hibernate, facilitated seamless communication with the database, allowing for efficient and maintainable code.
- **Project Highlights:**
  - **Efficient Data Management**: The system ensures seamless data retrieval and storage, resulting in a 40% reduction in response times.
  - **Data Validation**: Robust validation checks and constraints are implemented to reduce erroneous data entries, leading to a 25% reduction in data correction efforts.
  - **Custom Exception Handling**: Custom exception handlers are in place to gracefully manage potential exceptions, enhancing system reliability.

Interests and Hobbies:

I have personal interest in IT and have independently undertaken projects to further develop my skills. Notably, I've built a [portfolio website](#) using React , CSS, and JavaScript to showcase my projects. This initiative demonstrates my passion for the field and showcases my ability to apply my skills independently.

Skills:

- Java: 9/10 (Advanced)
- Spring Boot: 9/10 (Advanced)
- React: 8/10 (Intermediate)
- Database Management:
  - MySQL: 8/10 (Intermediate)
  - NoSQL: 8/10 (Intermediate)
  - SQLite: 8/10 (Intermediate)
- Python: 10/10 (Advanced)
- C++: 9/10 (Advanced)
- JavaScript: 8/10 (Intermediate)