Keanu Moodley

Software Developer

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🔗 Linkedin, Portfolio and Github

- www.linkedin.com/in/keanu-moodley-bb85b92b0
- https://keanum123.github.io/portfolio/
- https://github.com/KeanuM123

Motivated and fast-learning Associate Software Developer with a strong foundation in computer science and hands-on experience in full-stack development, technical support, and user-focused solutions. Passionate about problem-solving, innovation, and creating meaningful digital experiences. Recently completed multiple industry-recognized certifications from Amazon, IBM, Meta, and Vanderbilt University, covering software development, AI, cloud, and modern web frameworks. Skilled in Java, Python, Git, SQL, and React. Eager to contribute to dynamic development teams and continuously grow within the tech industry. Tech-savvy, adaptable, and driven by a deep curiosity for software, gaming, and automotive technology.

✪ Technical Skills

Programming Languages: Java, Python, JavaScript, HTML, CSS, SQL

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Frameworks & Libraries: Spring Boot, React.js, Node.js, Express.js

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Version Control: Git, GitHub

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Database Tools: MySQL, Relational Database Design, SQL Queries

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Cloud & Platforms: AWS (basics), Salesforce Trailhead, WordPress

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Operating Systems: Windows, Linux (CLI, Bash scripting)

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- Dev Tools: VS Code, Command Line Interface, Postman
- Testing & Methodologies: JUnit, TDD, Agile, SDLC
- AI & Emerging Tech: Prompt Engineering, ChatGPT, OpenAI, Copilot (via Coursera)

Experience

Apr 2025 - Current

Associate Software Developer

Capaciti, Braamfontain, Johannesburg

As part of the Software Development Programme, I've been working in a fast-paced, skills-intensive environment focused on real-world software development practices.

- Developed and debugged front-end and back-end code using **Java**, **Python**, **HTML/CSS**, and **JavaScript**
- Collaborated in agile-based teams to complete technical assessments and mock sprint challenges
- Practised version control using **Git and GitHub** on collaborative group projects
- Worked with **Linux command line** for navigation, automation, and deployment tasks
- Completed certified courses on **GitHub**, **Linux**, **Java**, and **Intro to Software Development**
- Participated in technical events, including the **Salesforce AgentForce Tour** and **CapaCiTi Hackathon**, applying skills in real-time scenarios
- Built and deployed applications using tools like **Spring Boot**, **Node.js**, and **React** (via Coursera projects)
- Practised software design principles, testing strategies (JUnit, TDD), and basic database queries using **SQL**

Jan 2024 - Dec 2024

Web Developer & Technical Support

Onyx Logistics, Sandton, South Africa

- Company Overview: Website Link - https://onyxlogisticsca.com/
- Designed, developed, and maintain the company's website, ensuring optimal performance and user experience. Provide ongoing technical support and troubleshoot issues for both internal staff and external users.

Aug 2023 - Feb 2024

Sales Representative

Durban Lubricants

- Successfully grew sales and expanded the customer base by building relationships with clients.
- Conducted market research to identify customer needs and potential sales opportunities.
- Enhanced my communication, negotiation, and problem-solving skills through direct client interaction.

Education History

Jan 2022 -
Jan 2024
Bachelor of Science: Computing
University of South Africa (UNISA)
- Relevant Courses: Theoretical Computer Science, Programming (Java, Python, Web Development), Databases, Operating Systems, Artificial Intelligence, Object-Oriented Analysis, Software Project Management, Networking.
- Graduating end of 2024.
- Completed multiple practical projects in software development and system analysis.

Jan 2020
High School
Kingsway High School
- Graduated: 2020 (Bachelor's Pass)
- Strong foundation in Mathematics and Science.
- Developed an early interest in computing and problem-solving.

References

Available upon request.

Interests

Gaming (PC and Console) – Interested in game development and interactive design., Cars & Automotive Technology – Passion for car engineering and software integration in vehicles., Software Development & Innovation – Always exploring new programming techniques and tools., Artificial Intelligence & Machine Learning – Keen on understanding AI-driven solutions and their applications.

Projects & Achievements

Onyx Logistics Website
Designed, developed, and currently maintain the full responsive website for Onyx Logistics, a South African car leasing company. Integrated key business features like booking, inquiry forms, and contact handling to support customer engagement and business operations. Demonstrated front-end design, responsiveness, and deployment.
https://onyxlogisticsa.com

Smart Booking System – Group Project Lead
Led a team in designing and developing a smart resource booking system featuring user authentication, real-time availability tracking, and automated notifications. The app was built using modern full-stack technologies and deployed on Render for public access.

Live site - https://bookwise-15uq.onrender.com/ | GitHub repo - https://github.com/Rela-xn-chil/Smart-booking-system

R2D2 Morse Translator
Built a fun, interactive web app that translates user-input text into Morse code and plays it back with custom R2D2-style sounds. Created using JavaScript, HTML, and CSS, with a real-time, responsive UI for a light-hearted user experience.
Live site - https://r2d2-morse-translator.onrender.com/ | GitHub repo - https://github.com/KeanuM123/r2d2-morse-translator

Customer Journey Dashboard
Created a responsive dashboard to visualize customer engagement across key touchpoints. Showcases real-time metrics using HTML, CSS, and JavaScript, with an intuitive UI and interactive charts.
Live site - https://customer-journey-dashboard-2jinuxotxvv5r2bxcy8kas.streamlit.app/ | GitHub repo - https://github.com/KeanuM123/customer-journey-dashboard

Certifications

Apr 2025   Amazon - Introduction to Software Development – Java, OOP, SDLC fundamentals

Apr 2025   Amazon - Programming with Java – File management, debugging, object-oriented design

May 2025   Amazon - Data Structures and Algorithms – TDD, Git, scalability, performance tuning

May 2025   Amazon - Database Management with Java and SQL – SQL, MySQL, UI components, relational DB design

May 2025   Amazon - Full Stack Web Development – Spring Boot, REST APIs, AWS, MVC, front & back-end dev

May 2025   Amazon - Generative AI in Software Development – Prompt engineering, Copilot, ChatGPT, automation

Jun 2025   Amazon - Application Development – Agile, SDLC, Git, JUnit, software design

Jun 2025   IBM - Getting Started with Git and GitHub – Version control, CLI, DevOps basics

Jun 2025   IBM - Hands-on Introduction to Linux Commands and Shell Scripting – Bash, OS process mgmt, automation

Jun 2025   IBM - Developing Back-End Apps with Node.js and Express – APIs, JSON, server-side dev

Jul 2025   Meta - React Basics – React.js, UI components, event-driven programming

Jul 2025   Meta - Advanced React – Testing (Jest), TypeScript, front-end tooling

Jul 2025   Vanderbilt University - AI Agents and Agentic AI with Python & Generative AI –
System integration, prototyping, LLMs

Jul 2025   Vanderbilt University - Agentic AI and AI Agents: A Primer for Leaders –
Business transformation, automation, AI/ML