

KATIANA MENDES BRITO DE ALMEIDA

Junior Full Stack Developer

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[GitHub](#) | [LinkedIn](#) | [Portfolio Link](#)

SUMMARY

Motivated software engineering student with a background in programming languages, algorithms, and data structures. Proficient in Java and web development (HTML, CSS, JavaScript, PHP). Demonstrated success in collaborative agile development teams and independent project implementation, including a Rock Paper Scissors game and a comprehensive eCommerce website. Notable projects include a full-stack To-Do App, showcasing my ability to manage data, model complex systems, and implement robust applications. Committed to continuous learning and innovation, I aim to leverage my technical expertise and passion for technology to contribute to impactful projects within a dynamic software development team.

EDUCATION

Bachelor of Science in Information Technology

2022 - 2024

Eduvos | Cape Town, Western Cape

- **Golden Key International Honour Society:** Invited to join the Golden Key community as part of the top 15% of students at Eduvos in my field of study.
- **Academic Excellence:** Achieved high grades for my eCommerce website project and research project, demonstrating strong technical and research skills.

Higher Certification in Information Systems

2021

Eduvos | Cape Town, Western Cape

- **Hackathon:** Collaborated with a team of seven and achieved second place by introducing KwaMe (web application) at the 2022 Great Kei Unemployment Hackathon, Empire Partner Foundation.
- **Leadership:** Served as Secretary at the Chess Club at Eduvos of Claremont.

KEY KILLS

Technical Skills:

- **HTML5, CSS, JavaScript, PHP:** Proficient in web development technologies and responsive design.
- **Data Structures (Java):** Skilled in managing and organizing data.
- **Object Oriented Programming principles:** Encapsulation, Inheritance, Polymorphism, Abstraction.
- **MySQL, Oracle, Microsoft SQL Server:** Experience with database management and querying.
- **Full-Stack Development (Next.js, Node.js, Tailwind CSS):** Experience with building and integrating front-end and back-end applications.
- **Unit Testing (Jest):** Capable of writing and executing unit tests to ensure application reliability.
- **Version Control (GitHub):** Familiar with version control systems.
- **Microsoft Office (Word, PowerPoint, Excel):** Competent in office productivity tools.
- **UI/UX Design:** Strong understanding of the principles and best practices.
- **Figma:** Basic experience with design tools.
- **Postman:** Experience in API testing and development.

Transferable Skills:

- **Attention to Detail:** Meticulous in ensuring high-quality work.
- **Willingness to Learn:** Eager to acquire new skills and adapt to new challenges.
- **Problem Solving:** Strong analytical and critical thinking skills.
- **Teamwork and Collaboration:** Proven ability to work effectively in team settings.
- **Communication Skills:** Effective in both written and verbal communication.
- **Work Ethic:** Demonstrates commitment, loyalty, and a dedication to high-quality work.

WORK EXPERIENCE

Software Developer Intern

June 2024 - Present

Edhost | Cape Town, South Africa

- Developed a full-stack To-Do App using Next.js for the front end and Node.js for the back end.
- Implemented CRUD functionality and integrated MySQL for database management.
- Designed the user interface with Tailwind CSS, ensuring a responsive and modern design.
- Wrote and executed unit tests using Jest to validate application functionality and reliability.
- Employed GitHub for version control, collaborating with team members and managing code changes.
- Utilized Figma for UI/UX design, contributing to the overall user experience and application aesthetics.
- Conducted API testing and development using Postman to ensure robust and functional integrations.

PROJECTS (GITHUB)

- [Ecommerce Website](#) (**HTML, CSS, JavaScript, PHP, MySQL, Google Analytics**): Developed a user-friendly eCommerce platform with secure checkout, inventory management, and admin tools.
- [Rock Paper Scissors Game](#) (**HTML, CSS, JavaScript**): Created a game featuring a score counter, reset button, and auto-play option.
- [Banks In Financial Distress](#) (**Data Structures with Java**): Implemented a model to assess bank safety based on total assets.
- [To Do List App](#) (**Next.js, Node.js, MySQL, Tailwind CSS, Jest, GitHub, Figma, Postman**): Built a full-stack application with CRUD functionality, unit tests using Jest, and used Tailwind CSS for styling.