FAIZAL MALEK

SOFTWARE DEVELOPER

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PROFESSIONAL SUMMARY

A passionate and detail-oriented Software Developer with hands-on experience in data analysis, web application development, and problem-solving. Skilled in working with large datasets, refining data, and delivering impactful insights. Eager to contribute to Black Swan Data's mission of transforming social data into valuable consumer insights as a Datasets Intern. Strong foundation in JavaScript, PHP, and Firebase, with a keen interest in data curation, taxonomy management, and emerging technologies.

WORK EXPERIENCE

Libex | Feb 2023 - Present

Junior Software Developer

- Built an image generator for design teams, improving workflows and efficiency by leveraging data-driven solutions.
- Developed a comprehensive web application for client interactions using WordPress, integrating data management tools for seamless user experiences.
- Utilized Docker to streamline development workflows, ensuring consistent environments across development, testing, and production.
- Collaborated with cross-functional teams to deliver projects on time, demonstrating strong communication and teamwork skills.

Zilo Group Training (PHP & Yii Framework)

- Trained in PHP and Yii framework to build robust web applications, with a focus on data handling and debugging.
- Performed debugging tasks and resolved issues to ensure optimal application performance, showcasing strong problem-solving skills.
- Gained hands-on experience in developing scalable and maintainable web solutions.

Other Hands On Experience
Tourist Guide Application:

- Leveraged Google Maps API to create an intuitive navigation tool, integrating features like landmark history and favoriting.
- Backed by Firebase for seamless data management, developed using Java in Android Studio.
- Ensured smooth user experience and real-time data synchronization, demonstrating skills in data curation and user-centric design.

Web Application for Sah Cut & Edge:

- Designed and developed a dynamic website using PHP and JavaScript, showcasing the company's products, services, and proof of work.
- Integrated a 'Contact Us' form for handling inquiries, backed by Firebase Realtime Database API for efficient data management.

EDUCATION

Diploma in Information Technology (Software Development) Rosebank College   **Feb 2020 - Dec 2022**

- Specialized in advanced database systems (PL/SQL) and cloud-based solutions (Google Cloud, Firebase).
- Completed significant projects in web and mobile app development, with a focus on data-driven solutions.

- Gained foundational knowledge in **IT support, troubleshooting,** and technica**l problem-solving.**
- Learned best practices for **customer service, system administration**, and **networking basics.**
- Developed skills in **diagnosing and resolving technical issues,** which are transferable to data analysis and dataset management.

SKILLS

- **Programming Languages:** Java, C#, JavaScript (ES6+), PHP, Python
- **Frameworks & Libraries:** React.js, Node.js, Firebase, Yii Framework, Gradle
- **Styling Tools:** HTML, CSS, Tailwind CSS
- **Database Technologies:** MySQL, Firebase Realtime Database
- **Tools:** Git, Google Cloud, Docker, SDLC
- **Soft Skills:** Communication, Problem-Solving, Collaboration, Teamwork

ADDITIONAL INFORMATION

- Strong ability to **collaborate across teams,** delivering projects on time and within scope.
- Passionate about **continuous learning** and integrating emerging technologies into solutions.
- Familiar with **data manipulation** tools like Excel and data-driven development principles.
- Eager to develop expertise in **data analysis, social data curation**, and **taxonomy management.**

REFERENCE

IIE Rosebank College | Pretoria Mega Campus
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