Mkhuseli Mditshwa



Personal details



Mkhuseli Mditshwa



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Yes



github.com/Mkhuseli23



linkedin.com/in/mkhuselimditshwa-784b60347

Portfolio: https://mkhuselimditshwa-portfolio.vercel.app/

Skills

html

CSS

JavaScript

react framework

Bootstrap

JavaScript (Node.js)

PHP

express.js

MySQL

Profile

I am a highly skilled System Developer with a strong track record in full-stack development, specializing in building scalable, secure, and high-performance digital solutions. With hands-on expertise in **modern frontend frameworks** such as **React.js**, **Angular**, **Bootstrap**, and **Tailwind CSS**, I craft responsive, user-centric interfaces that elevate the user experience. On the backend, I work proficiently with **Node.js**, **Express.js**, **Firebase**, and **PHP**, delivering robust logic, seamless API integrations, and real-time capabilities.

My strengths lie in system architecture design, RESTful API development, NoSQL/SQL database management (Firebase Firestore, MongoDB, MySQL), and cloud integration. I have a solid understanding of authentication and authorization workflows, DevOps fundamentals, and version control using Git/GitHub.

Driven by a passion for innovation, I am committed to continuous learning and staying current with evolving technologies like **TypeScript**, **Docker**, **GraphQL**, and **Al/ML** integrations to enhance project outcomes. What sets me apart is my analytical mindset, attention to detail, and ability to transform complex requirements into efficient, scalable systems.

I thrive in collaborative, fast-paced environments where I can contribute to **end-to-end development**, from ideation and prototyping to deployment and performance optimization. My mission is to create **impactful**, **user-friendly solutions** that not only meet business goals but exceed expectations.

Key Skills & Technologies:

- Frontend: React.js, Angular, Bootstrap, Tailwind CSS, HTML5, CSS3, JavaScript, TypeScript
- Backend: Node.js, Express.js, PHP, Firebase (Auth, Firestore, Realtime DB, Cloud Functions)
- Databases: MySQL, MongoDB, Firebase Firestore
- Tools & Practices: Git, GitHub, REST APIs, Postman, Docker, Agile/Scrum
- Other: Authentication systems, CI/CD basics, Payment Gateway Integration, Cloud Services (Vercel, Netlify)

Education

National Diploma in IT (Specialize Software Development)

Present

Matric Present

Employment

Full-stack developer

Nov 2024 - Present

Capaciti

- Developed and maintained scalable web applications using both front-end and back-end technologies such as JavaScript, React, Node.js, and Express.
- Implemented RESTful APIs and integrated third-party services to enhance application functionality and user experience.
- Collaborated with cross-functional teams including designers, product managers, and other developers to deliver high-quality software solutions.
- Participated in code reviews, testing, and debugging to ensure software reliability and maintainability.
- Managed deployment processes and continuous integration/continuous

MongoDB

PostgreSQL

React

Angular

Firebase

Communication Skill

Emotional Intelligence

Teamwork & Collaboration

Time Management & Organization

Leadership & Influence

Adaptability & Resilience

Networking & Relationship-Building

Languages

English

Xhosa

Zulu

Hobbies

- Technology & Software Development
- Problem-Solving & Innovation
- Design & User Experience

- deployment (CI/CD) pipelines to deliver frequent updates and minimize downtime.
- Built and maintained database schemas, ensuring data integrity and optimized query performance using SQL and NoSQL databases.

Full-stack developer

Dec 2023 - Aug 2024

PetroSA

- Developed and maintained scalable web applications using modern
 JavaScript frameworks such as React for front-end and Node.js with Express
 for back-end.
- Designed and implemented RESTful APIs to facilitate seamless communication between client-side and server-side components.
- Collaborated closely with cross-functional teams including UI/UX designers and product managers to ensure alignment of application features with business requirements.
- Designed and optimized database schemas and queries using both SQL and NoSQL databases to ensure data integrity and high performance.
- Implemented user authentication and authorization mechanisms using JWT and OAuth to enhance application security.
- Managed continuous integration and deployment pipelines using tools like Jenkins or GitHub Actions, ensuring efficient and reliable release cycles.

Full stack developer

Jan 2023 - Dec 2023

Walter Sisulu University, East LOndon

- Developed and maintained scalable web applications using JavaScript, React, Node.js, and Express to deliver seamless user experiences.
- Implemented RESTful APIs and integrated third-party services to extend application capabilities.
- Collaborated with cross-functional teams including designers, product managers, and fellow developers to achieve project goals.
- Conducted thorough code reviews, testing, and debugging to ensure high software quality and reliability.
- Managed deployment processes and optimized CI/CD pipelines for efficient and reliable software releases.
- Designed and maintained database schemas, ensuring data integrity and performance using SQL and NoSQL databases.
- Developed custom middleware solutions within Node.js to streamline data processing and integration with external APIs.

References

Hillary Mgazi

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