

Full Stack Developer

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Profile

Full Stack Developer with a strong background in building user-friendly web applications. Skilled in front-end and back-end technologies, I have been specializing in React, Node.js, and MongoDB for more than a year. Proven ability to deliver high-quality code under tight deadlines. I want to solve real-world problems in Software Development, AI, and Cybersecurity.

Technical Skills

- **Languages:** JavaScript, Python, C++, HTML, CSS
- **Frameworks & Libraries:** React.js, GSAP, Tailwind CSS, Express.js, Django
- **Tools & Technologies:** Node.js, Git, VSCode, NPM
- **Databases & Cloud:** MongoDB, Firebase, Cloudinary

Experience

Full Stack Engineer

OffCampusRooms

June 2024 – Present

- Developed a full-stack web platform for students to find off-campus accommodation.
- Built a responsive front-end using React and Tailwind CSS, improving user engagement.
- Developed secure back-end services with Node.js and Express, and managed data with MongoDB.
- Integrated Google Matrix API for distance calculations, enhancing usability.
- Used Cloudinary for optimized image hosting, improving load times and visual quality.
- Currently adding new features and debugging.

Projects

Resturant Website

Jimneys Fresh and Chips

- Developed and deployed a website for Jimney's Fish & Chips using React, Tailwind CSS, and Firebase.
- Implemented real-time data functionalities, allowing for dynamic product updates.

Beauty Salon Website

All4Queens

- Built a modern, responsive website for a beauty salon using HTML, Tailwind CSS, and JavaScript.
- Integrated Firebase for user authentication to manage services and products.

Local E-Commerce Marketplace

Mankweng Furniture and Items

- Developed a full-stack web platform using React.js, Node.js, and MongoDB for local sellers to list items for sale.
- Implemented authentication for secure seller management and a responsive front-end for buyers.

Education

Bachelor of Science in Mathematics and Computer Science

University of Limpopo

2023 – Present

Achievements

- Developed a real-time data-driven web platform for OffCampusRooms, streamlining the search process for student accommodation, with over 20 active signed-in users.
- Implemented Google Matrix API integration, improving location-based search accuracy, leading to a significant reduction in search time for users.
- Enhanced the platform's performance by optimizing image hosting with Cloudinary, improving page load speed by 25