

Full Stack Engineer

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Profile

Dedicated Full Stack Developer with hands-on experience creating impactful web applications using React, Node.js, and a touch of Python and Django magic. I thrive on transforming complex requirements into smooth, high-performing user experiences, with a keen eye for detail in planning, testing, and delivering reliable software solutions. Driven by a love for problem-solving and a dedication to quality, my goal is to craft intuitive applications that not only meet but exceed business expectations.

Technical Skills

- **Languages:** JavaScript, TypeScript, Python, C++, SQL, HTML, CSS
- **Frameworks & Libraries:** React.js, Next.js, Tailwind CSS, Express.js, Django
- **Tools & Technologies:** Node.js, Git, VSCode, NPM, Docker, Kubernetes, Heroku, Render
- **Cloud & DevOps:** Firebase, Cloudinary, Netlify, Amazon Web Services (AWS)
- **Databases:** MongoDB, MySQL

Experience

Full Stack Engineer

OffCampusRooms

June 2024 – Present

- Developed a full-stack web platform for students to find off-campus accommodation, get the room's location, directions, and know which gate is closest to the room.
- Built secure back-end services with Node.js and Express, and managed data with MongoDB, using Cloudinary for image hosting.
- Integrated Google Matrix API for distance calculations, enhancing usability.

Projects

Restaurant Website

Jimneys Fish and Chips

- Website for a local restaurant that showcases the services and menu of the restaurant.
- Used React.js, Tailwind CSS, and Framer Motion for the frontend, and Firebase for image hosting, authentication, and database functionalities.
- Designed and implemented a role-based access control system that restricts features and content based on user roles

Beauty Salon Website

All4Queens

- Website for a beauty salon where clients can view the services offered, along with images and prices of products.
- Developed a responsive site using HTML, Tailwind CSS, and JavaScript.

EquityDeals Website

EquityDeals

- Created a web platform that allows website owners to offer discounts to their users based on the purchasing power parity (PPP) of their country, state, or province.
- Built with React.JS, Next.JS, TypeScript, Stripe, Neon and Drizzle, integrating APIs to determine PPP and dynamically adjust prices for fair access.

Education

- **Harvard University** — *CS50: Introduction to Computer Science*

Completed the rigorous CS50 course, gaining a strong foundation in computer science principles, algorithms, data structures, and full-stack development. Projects covered a variety of languages including C, Python, and JavaScript.

Achievements

- Developed a real-time data-driven web platform for OffCampusRooms, streamlining the search process for student accommodation, with over 20 signed-in users.
- Integrated Google Matrix API, enhancing location-based search accuracy and significantly reducing search time for users.