NIKUL PATEL

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SUMMARY

Professional Engineer with demonstrated experience in project coordination, and leading team collaborations. With a background in Electrical Engineering to now a Software Engineer, I possess technical attributes in Full Stack Web Development, database management, and project coordination. Looking for opportunities as a fullstack, backend, or frontend engineer.

TECHNICAL SKILLS

Node.js, Javascript, React / Redux, React Native, Git, Github, Express, Sequelize, MySQL, PostgreSQL, Heroku, Netlify, RESTful APIs, NoSQL, Miro, HTML5, Cascading Style Sheets (CSS), Twilio, Stream, Trello, Database Management, Test-Driven Development (Chai, Mocha, Jasmine), Expo, AGILE, SCRUM, Data Structures, Algorithms, Object Oriented Programming, Microsoft, AutoCAD, Rivet, AGi32

TECHNICAL PROJECTS

Redy - Restaurant Booking | Project Link | Github Link
Mobile application that allows users to book restaurant reservations within a specified radius of their location.
- Developed the application by using **React Native,** and received restaurant information from **Google Places API.**
- Utilized **Express** as the main core infrastructure for the backend, and **PostgreSQL** as the database.
- Implemented industry standard version control management using Git. Utilized **Trello** for organized task distribution.
- Presented the use-case of our application to a cohort of 50+ classmates.
- Technologies Used: React Native, Redux, Google Places API, Express, PostgreSQL, Git, Trello, Material UI, CSS

Messaging Application | Project Link | Github Link
Instant messaging application to different individuals or groups.
- Utilized **React** to build the website, and worked with a Chat API called **Stream**.
- Incorporated **Twilio** to send notifications to a user's phone as an SMS when they received a message.
- Technologies Used: React, Stream, Twilio, JavaScript, HTML, CSS, Heroku

StockX E-Commerce Website | Project Link | Github Link
E-Commerce Website for customers to purchase shoes.
- Built a **CRUD** (Create, Read, Update, Delete) project where customers can search through and purchase products.
- Implemented authentication so administrations have access to update, add, or delete product information.
- Implemented **React** as the base of our project, and used **Express** for the back-end of our project.
- Technologies Used: React, Redux, Sequelize, Express, JavaScript, HTML, Material UI, Heroku

TECHNICAL EXPERIENCE

Jaros Baum & Bolles - *Project Engineer - New York, NY*   *September 2021 - November 2021*
- Designed fire alarm documents to satisfy National Fire Protection Association (NFPA) standards.
- Coordinated power and lighting RFIs (Request for Information) with clients to provide clarity on current conditions.
- Attended project sites to thoroughly provide my team with information necessary in different phases in the project.

AECOM - *Electrical Engineer I - New York, NY*   *June 2017 - September 2021*
- Designed one-line diagrams, conduit schedules, voltage drop and short circuit calculations for each NYCT station.
- Increased efficiency by creating a master set in AutoCAD that consisted of every single application in the design process to help our team finish by the deadline within four months.
- Coordinated bi-weekly client meetings to analyze our submittals to establish a trusting relationship with the client.
- Implemented the use of AGi32 to determine if our lighting design plans met the requirements set by ASHRAE standards.
- Created a REVIT sheet set that consisted of all electrical drawings, notes, and schedules. Generated layout drawings that pertained to power, lighting, and reflected ceiling plans.

EDUCATION

Fullstack Academy Web Development Bootcamp   *March 2022- July 2022*
Software Engineering Certificate, Full-time, Full Stack Javascript Web Development Immersive

Rutgers University School of Engineering   New Brunswick, NJ
Bachelor of Science in Electrical & Computer Engineering   *Graduated: May 2019*