

# SHAKTI SINGH

New York, NY 10038 | [shakti.singh@pace.edu](mailto:shakti.singh@pace.edu) | (551)-358-6009 | [LinkedIn](#) | [GitHub](#) | [shaktisrathore.github.io](https://shaktisrathore.github.io)

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, JavaScript, C++  
**Front End:** JavaScript, TypeScript, React, React-Native, Redux, HTML5, CSS3, Bootstrap  
**Back End:** Node.js, Express, Python, MySQL, MongoDB, Postgres, RESTful API, Firebase  
**Testing/Development:** AWS: EC2, Heroku, Docker, Jest, Mocha, Chai, Google Cloud  
**Developer Tools:** Git, npm, nvm, Vim, Babel, Webpack, Figma, Miro, Agile Methodology

## SOFTWARE ENGINEERING APPLICATION

### Full Stack Developer | WAVES

[GitHub](#)

An eCommerce online sales platform for guitar supplies.

- Built a NodeJS based server with Express, designed dynamic routes, and deployed the backend server on Heroku.
- Implemented a UX-oriented customized interface in ReactJS with CSS styling and utilized Redux for data storage.
- Hosted MongoDB to store user data in JSON, applied Mongoose (ORM) to access model data and perform CRUD operations in response to the server requests.
- Integrated PayPal to complete the checkout process on the eCommerce site.

### Full Stack Developer | M City

[Live Site](#) | [GitHub](#)

Manchester United's website to browse stats, players, and matches.

- Integrated ReactJS to build a website and implemented react-router-dom to create routes to navigate the site, providing users the ability to navigate the app with less loading time.
- Enabled Front-End and Back-end authentication using FORMIK to prevent unauthorized access.
- Created a database using Firebase and deployed the website on Firestore.
- Designed and visualized the app in Material UI to enhance the user interface with a modern and comfortable visual experience by adding features such as hover effect, infinite scroll, and a loading indicator.

### Front End Developer | The Venue

[Live Site](#) | [GitHub](#)

An event booking site for a musician's concert.

- Designed and Implemented a Single Page Event Website using React CLI framework with CSS styling, allowing users to browse and book tickets for the event.
- Leveraged the Material UI library to create a UX-oriented customized interface.
- Tested application functionality and user interactions with React Testing Library/Supertest/Enzyme/Jest.
- Hosted the Static Website using Netlify.

## EXPERIENCE

### KPMG

Jodhpur, India

Data Analytics Consulting (Virtual Internship)

Jan 2021 – April 2021

- Reviewed 20k+ datasets in MS Excel and identified the data quality issues and strategies to mitigate those issues
- Utilized a list of Data Quality dimensions to solve the task efficiently and systematically.
- Analyzed their existing customer dataset using Alteryx to determine customer trends and behavior. Specifically, different approaches such as data distributions, feature engineering, data transformations, modeling, results in interpretation, and reporting were used.
- Developed a dashboard using Tableau that displays the data summary and results of the analysis to present to the client.

## EDUCATION

### Pace University, Seidenberg School of CSIS

New York, NY

MS Information Systems | **Concentration:** Software Development | **GPA:** 3.8

May 2024

### Jai Narain Vyas University

Jodhpur, IN

BS Mathematics and Physics | **Honors:** First Division

August 2022

## RELEVANT COURSEWORK

Data Structures and Algorithms | Database Management Systems | IS Design and Development | Mobile Application Development | Database Programming | Operating Systems Principles.