

SHAKTI SINGH

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TECHNICAL SKILLS

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 APPLICATIONS

Full Stack Developer | WAVES | github.com/FangzhuoXi/FEC-Lighthouse 2022
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 a MongoDB to store user data in JSON, applied Mongoose (ORM) to access modal data and perform CRUD operations in response to the server requests.
- Integrated PayPal to complete checkout process in the eCommerce site.

Full Stack Developer | M City | github.com/FangzhuoXi/FEC-Lighthouse 2022
Soccer team Manchester United's website to browse stats, players, and matches

- Integrated ReactJS to build a website and utilized 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 loading indicator.

Front End Developer | The Venue | github.com/FangzhuoXi/FEC-Lighthouse 2022
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 books tickets for the event.
- Leveraged the Material UI library to create an UX oriented customized interface.
- Tested application functionality and user interactions with React Testing Library/Supertest/Enzyme/Jest.
- Hosted the Static Website using SURGE.

EDUCATION

MS Information Systems, Pace University 2022 - 2024
Relevant Coursework: Data Structures and Algorithms, Database Management Systems, IS Design and Development, Mobile Application Development, Database Programming, Operating Systems Principles.

BS Mathematics, JNV University 2019 - 2022
Relevant Coursework: Calculus, Numerical Analysis, Linear Programming, Abstract Algebra, Discrete Mathematics.

EXTRACURRICULAR AND ACADEMIC ACTIVITIES

KPMG

Jan 2021 - Apr 2021

Data Analytics Consulting Virtual Internship

- Assessing data quality and completeness in preparation for analysis.
- Finding key insights to produce better business outcomes.
- Building dashboard with Tableau and PowerBI to track metrics and visualize insights.
- Collected data from multiple sources and analyzed them for insights.