

# SHAKTI SINGH

New York, NY 10038 | [shakti.singh620@gmail.com](mailto:shakti.singh620@gmail.com) | (551)-358-6009 | [LinkedIn](#) | [GitHub](#) | [shaktisrathore.github.io](https://shaktisrathore.github.io)

## EXPERIENCE

### NYC Department of Finance, New York, NY | Software Engineer

June 2023 – May 2024

- Developed and maintained Angular-based web applications using TypeScript, Flask and PostgreSQL increasing tax division's intranet site user engagement by 20% and reducing task times by 35%.
- Collaborated with team to migrate on-premises site to SharePoint online, gathering requirements to enhance web capabilities using C#, ASP.NET, & REST APIs while testing features using SharePoint Sandbox, reducing downtime & optimizing efficiency.
- Delivered bug fixes within 24 hours & implemented 30+ enhancements, boosting user satisfaction by 15%.
- Authored comprehensive technical documentation for implemented features, ensuring maintainability & knowledge sharing.

### GBCS Group, Calgary, AB (Remote) | Front End Developer Intern

August 2023 – November 2023

- Created mobile-first web applications using React, leveraging Hooks and JavaScript to develop engaging user interfaces.
- Implemented RESTful APIs to integrate backend services, improving data flow and application responsiveness.
- Maintained React application codebases using Git, collaborating cross-functionally on GitHub to improve product experience.
- Implemented UI components using React, JavaScript, and Bootstrap by translating designs into modular, reusable code.
- Streamlined deployment processes and reduced release times by 30% by incorporating Gulp tasks and contributing to the CI/CD pipeline setup using GitHub Actions.

### Google Developers Group, Jersey City, NJ | Developer & Lead Organizer

August 2023 – January 2024

- Launched local chapter, organizing tech events to mentor aspiring developers on using Google technologies including Firebase, Flutter, TensorFlow, & Google Cloud, cultivating partnerships with other chapters to plan events & source speakers.
- Develop & maintain chapter website using React & Firebase to promote community, participating in Google Developer conferences & hackathons to expand membership.

### Pace University, New York, NY | Information Technology Services Intern

January 2023 – August 2023

- Supported 3k+ student & faculty users across multiple campuses, resolving hardware & software issues, configuring 200+ apps & operating systems while testing to identify defects, documenting results & collaborating with IT team to implement solutions.

### Code Inclusive LLP, Jaipur, India | Junior Software Engineer

April 2021 – August 2022

- Developed full-stack web applications using React and Angular, implementing RESTful APIs with Node.js and Express, resulting in a 200% increase in web traffic within 3 months.
- Utilized SQL and NoSQL databases (PostgreSQL, MySQL, MongoDB) for efficient data operations, while implementing AWS services (EC2, S3, Lambda) for scalable and serverless computing.
- Integrated K6 performance testing into CI/CD pipeline, automating performance checks during deployments and optimizing application response times.

## VIRTUAL INTERNSHIP

### KPMG, Data Analytics Consulting Virtual Work Simulation, The Forage

January 2021 – April 2021

- Analyzed customer datasets using Excel & Alteryx, remediating data quality issues & building Tableau dashboard to summarize trends, presenting customer behavior insights to stakeholders to inform strategic decision-making.

## SOFTWARE ENGINEERING APPLICATION

### Full Stack Software Engineer | WAVES [An eCommerce online sales platform for guitar supplies.]

[GitHub](#)

- Developed a NodeJS server with Express, deployed on Heroku, and utilized MongoDB with Mongoose for data storage and CRUD operations, including PayPal integration for eCommerce checkout.

### Full Stack Software Engineer | M City [Manchester City's website to browse stats, players, and matches.]

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

- Integrated ReactJS and react-router for faster navigation, implemented Firebase/Firestore to deploy website.
- Added FORMIK authentication for security. Designed with Material UI, infinite scroll, hover, loading indicator for enhanced UX.

### Front End Software Engineer | The Venue [An event booking site for a musician's concert.]

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

- Designed and implemented a single page site using React CLI framework with styling, allowing users to browse and book tickets.
- Tested application functionality and user interactions with React Testing Library/Supertest/Enzyme/Jest.

## EDUCATION

### Pace University | Seidenberg School of Computer Science and Information Systems

New York, NY

### Master of Science (MS) in Information Systems | Concentration: Software Engineering | GPA: 3.93

May 2024

### JNV University | BS Mathematics and Physics | Honors: First Class | Dean's List

August 2022

## TECHNICAL SKILLS

### Languages/Skills:

Python, Java, JavaScript, TypeScript, C++, SQL, Algorithm Design, Object-Oriented Programming

### Front End:

JavaScript, TypeScript, React, Angular, VueJS, React-Native, Redux, HTML5, CSS3, Bootstrap, jQuery

### Back End:

Node.js, Express, MySQL, MongoDB, Postgres, RESTful API, Firebase, Django, .NET Core, Spring Boot

### Testing/Development:

AWS (EC2), Heroku, Docker, Jest, Mocha, Chai, Google Cloud

### Developer Tools:

Git, npm, nvm, Vim, Babel, Webpack, Yeoman, Gulp, Figma, Miro, JIRA, Agile Methodology