

SHAKTI SINGH

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EXPERIENCE

NYC Department of Finance | *Software Engineer Co-op - New York, NY*

Sept 2023 - Present

- Developed and deployed 3+ custom SPFx webparts using ReactJS, Node.js and jQuery, resulting in a 20% improvement in user engagement on the Tax Audit and Enforcement Division's intranet site.
- Contributed to the migration project from SharePoint On-Premises to SharePoint Online, achieving a 40% increase in site uptime and a 25% enhancement in security measures.
- Collaborated with stakeholders to gather and implement 20+ requirements for enhancing internal web capabilities, aligning them with organizational goals.
- Swiftly delivered bug fixes within 24 hours and implemented 30+ enhancements, boosting user satisfaction by 15%.

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

Aug 2023 – Sept 2023

- Architected high-traffic frontend using ReactJS, leveraging Hooks and modern JavaScript to craft robust, optimized UIs. Debugged performance issues through diligent measurement and test-driven development.
- Created responsive, mobile-first web apps with RESTful APIs and clean integration with backend. Implemented functional UI components using ReactJS, JavaScript and Bootstrap by translating provided designs into modular, reusable code.
- Maintained complex ReactJS application codebases using Git, collaborating cross-functionally on GitHub and Bitbucket to continuously improve product experience and development practices.

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

Aug 2023 – Present

- Founded and lead the GDG Jersey City chapter, organizing tech events and mentoring new developers on Google technologies like Firebase, Flutter, TensorFlow, and Google Cloud.
- Developed the GDG Jersey City's website using React and Firebase to promote our local Google developer community.
- Cultivated partnerships with other GDGs, managed events including venue, speakers to grow our Google developer network.
- Represented GDG Jersey City at Google developer conferences and hackathons focused on Android, Cloud, and Machine Learning.

NYC Department of Finance | *Software Engineer Intern - New York, NY*

June 2023 – Aug 2023

- Redesigned and modernized Tax & Audit Enforcement Division's internal portal using HTML5, CSS3, and Vanilla JavaScript, enhancing UX for users and reducing task times by 35%.
- Enhanced existing SharePoint web parts using C#, ASP.NET, and REST APIs to optimize functionality and facilitate seamless interactions.
- Utilized SharePoint Sandbox to develop, test and deploy features; ensured efficient integration and reduced downtime.
- Authored comprehensive technical documentation for implemented features; promoted maintainability and knowledge sharing.

Pace University: Information Technology Services | *Student Assistant/Technician - New York, NY*

Jan 2023 – Aug 2023

- Provided tech support to 3,000+ users by quickly resolving complex hardware/software issues to minimize downtime.
- Configured & installed over 200 software apps & operating systems on devices for smooth onboarding & transitions for users.
- Performed testing of software & hardware to find defects & bugs. Documented results & worked with IT to implement solutions.

VIRTUAL INTERNSHIP

KPMG | Data Analytics Consulting (Virtual Internship) - Remote

Jan 2021 – Apr 2021

- Reviewed 20k+ datasets in Excel, identified data quality issues, and developed strategies to remediate them using Data Quality dimensions.
- Leveraged Alteryx to analyze existing customer datasets and uncover trends and insights around customer behavior.
- Built a Tableau dashboard displaying data summary and key analysis results to present to client.

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.
- Created a UX-focused ReactJS interface with custom CSS styling and incorporated Redux for efficient data management.

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.
- Leveraged the Material UI library to create a UX-oriented customized interface. Hosted the Static Website using Netlify.

TECHNICAL SKILLS

Languages/Skills:	Python, Java, JavaScript, C++, Kotlin, 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

EDUCATION

Pace University | Seidenberg School of Computer Science and Information Systems

New York, NY

MS Information Systems | Graduate Merit Scholarship | GPA: 3.9/4.0

May 2024

Courses: Data Structures & Algorithms | DBMS | Mobile Application Development | Database Programming | Web Development | Data Science

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

August 2022