SHAKTI SINGH

New York, NY 10038 | shakti.singh@pace.edu | (551)-358-6009 | LinkedIn | GitHub | shaktisrathore.github.io

EXPERIENCE

NYC Department of Finance, New York, NY | Software Engineer   June 2023 - Present
- Developed 3+ custom SPFx webparts using ReactJS, Node.js, & jQuery, increasing tax division's intranet site user engagement by 20%, modernizing site using HTML, CSS, & JavaScript, enhancing user experience (UX) & 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 – September 2023
- Created mobile-first web apps using ReactJS, leveraging Hooks & JavaScript to develop engaging user interface (UI) & RESTful APIs to integrate backend, maintaining ReactJS application codebases using Git while debugging performance issues.
- Implemented functional UI components using ReactJS, JavaScript, & Bootstrap by translating provided designs into modular, reusable code, collaborating cross-functionally on GitHub & Bitbucket to improve product experience.

Google Developers Group, Jersey City, NJ | Developer & Lead Organizer   August 2023 – Present
- 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 ultra-responsive web interfaces using HTML, CSS, & JavaScript, leveraging frameworks including React, Angular, & Vue.js to transform client visions into custom websites, yielding 200% surge in web traffic for client within 3 months of launch.
- Gathered client requirements & developed wireframes & prototypes after understanding business needs, collaborating with clients to refine conceptualizations.

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.
- 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**
Master of Science (MS) in Information Systems | **Concentration**: Software Engineering | **GPA**: 3.9   May 2024

JNV University | BS Mathematics and Physics | **Honors**: First Class | Dean's List   **August 2022**

RELEVANT COURSEWORK

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