JUN PARK
FULL STACK SOFTWARE ENGINEER

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As a dedicated Full Stack Software Engineer, I specialize in creating dynamic and user-centered web applications. With a solid foundation in both front-end and back-end development, I am skilled in designing and implementing seamless solutions that drive exceptional user experiences. My expertise in a wide range of technologies, combined with a proactive problem-solving approach, empowers me to deliver innovative solutions. I am eager to contribute my versatile skills to a collaborative team focused on pushing the boundaries of digital innovation.

Technical Skills: JavaScript **|** Python **|** Flask **|** React **|** HTML5 **|** CSS3 **|** Express.JS **|** Redux **|** Node.JS **|** SQL **|** Google Maps API **|** Websockets **|** Amazon S3 Bucket **|** Vite

Relevant Skills: Excel **|** Data Analysis **|** Client Management **|** Customer Service **|** Business Management **|** Problem Solving **|** Communication **|** Continuous Learning

PROJECT EXPERIENCE

SIMPLEFIX | HTML5 **|** CSS3 **|** JavaScript **|** React/Redux **|** Express.JS **|** Node.JS **|** Google Maps API   **[GitHub](#) \\ [Live](#)**
- A ticket management system designed to easily manage repair tickets.
- Utilized back-end skills including Node.js and Express.js to build robust APIs and server-side logic. Implemented custom middleware for authentication and authorization, enhancing security and user access control. Optimized API endpoints by utilizing asynchronous programming techniques, which allows the API to process multiple requests in parallel.
- Enhanced application speed and user experience by implementing a dynamic pagination system, utilizing basic JavaScript and effectively passing data through React's props. This feature optimized ticket display, ensuring users had a smoother and more responsive interaction with the application, ultimately resulting in improved user satisfaction and engagement.
- Leveraged front-end technologies like React and Redux to craft an engaging user interface. Used the 'useDispatch' hook to efficiently manage state and enable seamless interactions within the application. Implemented real-time updates for a ticket's part list, allowing them to instantly see changes when adding new parts without the need for a page refresh.
- Integrated Google Maps API with a custom date search functionality to dynamically present different tickets, allowing for a seamless user experience. Also added custom markers based on ticket status as well as an infowindow for the tickets.

SLACORD | HTML5 **|** CSS3 **|** Python **|** React/Redux **|** Flask **|** Node.JS **|** SQLAlchemy **|** JavaScript   **[GitHub](#) \\ [Live](#)**
- A full stack clone of Discord, a free communications app that keeps you connected with friends, communities, and developers
- Implemented a highly responsive user interface for the Discord clone by harnessing React and Redux to efficiently manage state and user interactions. Specifically, utilized React's virtual DOM to minimize rendering overhead, optimizing component re-renders for improved UI performance.
- Incorporated SQLAlchemy's query optimization features, including Alembic integration for smooth schema and data migrations. Ensured data integrity in complex operations involving user profiles, server memberships, and message history.
- Employed Flask on the back end to create robust server-side components, implement API endpoints, and handle server-side logic. This streamlined communication between the front-end and back-end via RESTful APIs, contributing to reduced latency and improved responsiveness.
- Utilized websockets to establish real-time communication channels between clients and the server, enabling instant updates and notifications. This enhanced user engagement and interaction.

MEAT-UP | HTML5 **|** CSS3 **|** JavaScript **|** React/Redux **|** Express.JS **|** Node.JS **|** SQL   **[GitHub](#) \\ [Live](#)**
- A web app inspired by Meet Up, Meet new people who share your interests through online and in-person events.
- Crafted specialized SQL queries that decreased server load by utilizing Active Record associations, enabling data extraction from multiple tables with a single query.
- Guaranteed user confidentiality and independence by implementing frontend and backend authentication protocols, alongside React Router. This allowed users to exclusively access and modify their individual reservations upon logging in.
- Developed a secure full-stack application implementing bcrypt for password hashing, showcasing expertise in authentication best practices and data security, resulting in heightened user privacy and protection against unauthorized access.

WORK EXPERIENCE

APPLIANCE PRO | CEO | CHESTERFIELD, VA   **June 2020 – Jan 2023**
- Honed my skills in business development, marketing, and customer service while navigating the dynamic landscape of the appliance repair industry. This experience reinforced my ability to identify opportunities, foster connections, and execute strategies that drive growth.
- Fine-tuned my ability to diagnose complex appliance issues swiftly and accurately, showcasing advanced technical expertise. This expedited repairs, minimizing downtime for customers and bolstering their satisfaction.

DIAMOND IN-HOME SERVICE | *CEO* **|** GREENSBORO, NC   **July 2016 – May 2020**
- Built a skilled team of technicians, developed efficient operations, and established a strong customer-oriented reputation, showcasing my leadership and organizational skills. This cohesive approach led to improved service visits, heightened customer satisfaction, and increased business growth.
- Ensured profitable growth through partnerships with different vendors, demonstrating strategic collaboration skills. Implemented effective marketing strategies that enhanced brand visibility, resulting in a substantial increase in revenue and market share.

SAMMY HOMETEK | *OFFICE MANAGER* **|** GREENSBORO, NC   **Mar 2015 – July 2016**
- Responsible for managing scheduling, technician dispatching, and meticulous parts preparation to ensure seamless daily operations.
- Expertly managed all billing and invoicing processes, showcasing my meticulous attention to detail. This precision ensured accurate financial transactions, streamlined record-keeping, and maintained strong client relationships..

TASTY GRILL | *MANAGER* **|** GREENSBORO, NC   **Mar 2010 – Mar 2015**
- Oversaw the successful implementation of innovative software solutions, notably elevating revenue generation. This encompassed a comprehensive delivery system enhancement, streamlining operations and further contributing to the overall financial growth.
- Implemented a comprehensive security system within the restaurant premises, safeguarding data integrity and cultivating customer confidence through strengthened protection measures.

EDUCATION

App Academy \\ Full Stack Web Development   **Completed 09/2023**
- A 24-week intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, Node.JS, SQL, Express, Python, Flask & React/Redux

University of North Carolina at Charlotte \\ *Coursework in Computer Science* **|** Charlotte, NC   **2012-2014**