JUN PARK
FULL STACK SOFTWARE ENGINEER

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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. 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. Also enhanced application speed and user experience by implementing a dynamic pagination system effectively passing data through React's props
  - 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
  - Incorporated SQLAlchemy's query optimization features, including Alembic integration for smooth schema and data migrations. Ensured data integrity 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
  - 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 app 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	**May 2020 - Jan 2023**
DIAMOND IN-HOME SERVICE	*CEO*	GREENSBORO, NC	**July 2016 – May 2020**
SAMMY HOMETEK	*OFFICE MANAGER*	GREENSBORO, NC	**Mar 2015 – July 2016**
TASTY GRILL	*MANAGER*	GREENSBORO, NC	**Mar 2010 – Mar 2015**

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**