

# Sanghoon (Daniel) Lee

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## Fullstack Web Developer

Adaptable and self-driven developer with experience working in fast-paced environments, meeting company deadlines through team collaboration, and solving problems with persistence.

### TECHNICAL SKILLS

- JavaScript, Python, React, React-router, Redux, Node.js, Bootstrap, Chakra, PostgreSQL, Express.js, Sequelize, HTML, CSS, jQuery, Pandas, Numpy, Seaborn, Bcrypt, AWS (S3, EC2), ES6-Express-Template-Engine, Chart.js, Recharts, Pg-promise, Webpack, Agile/Scrum, Git, Github, VS Code, Postman, Excel, Powerpoint, Tableau

### PROJECTS

**Bugsly** | <https://buggly.herokuapp.com> | <https://github.com/DeBoer753/bug-tracker-PROJECT> July 2022

- Led a 3 person development team to build a fullstack project management website using PostgreSQL as the database, React and Chakra for the frontend, and Node.js and Express for backend
- Utilized React components to write clean reusable code for ease of quick development for rendering to the virtual DOM
- Used React routers to enable navigation among views of various components within Bugsly, to allow changing browser URL which aided fetching data from the backend using parameters, and to keep the dynamic website in sync with the URL
- Implemented Redux Toolkit with queries to fetch and store data from the backend routes into a global state management which effectively eased the process of accessing data from a centralized store and allowing for prompt development to render Bugsly
- Created charts using Recharts a React library to set up visualizations for users to gauge their progress on their projects and issues
- Implemented Chakra UI for customizable components that added responsive and simple design using less code
- Developed a PostgreSQL database with Project, Issue, User, and Collaborate models with association to Users to Projects to Issues and also a junction table that associated multiple users with multiple projects
- Leveraged Sequelize to query data from postgresSQL along with Express and Node.js to develop RESTful routes to send concurrent responses and requests to the frontend from the server
- Utilized Postman to develop the backend routes to ensure requests and responses are accurate and functioning for the website
- Worked with Bcrypt library to hash user's passwords for better security

**To-Do It** | <https://to-doit.netlify.app> | <https://github.com/dan4422/productivity-site> July 2022

- Frontend React application to help users plan their tasks or events through a system of adding tasks, completing tasks and viewing your progress primarily built with Javascript, React, Redux, Bootstrap, Chart.js, and react-big-calendar
- Used React and React-router to create clean code that allowed functional components for reusability throughout the application
- Utilized Bootstrap's highly customizable components and styling for responsiveness design and ease of quick usability for developing a web page
- Implemented Redux using actions and reducers to manage state values globally and access state values efficiently throughout the application for rendering
- Ability to sort the columns of their tasks in the list view using React useState with Javascript sort method

**Beefy Boi's Diner** | <https://beefyboisdiner.herokuapp.com> | <https://github.com/dan4422/restaurant-site> June 2022

- Member of a 3 person development team building a full-stack E-commerce website with the focus being a restaurant webpage primarily built with Javascript, Node.js, Express, Sequelize, PostgreSQL, Bootstrap
- Implemented Express-ES6-template-engine for server-side rendering to the client side for faster load speeds, reduced latency and consistent SEO performance
- Developed backend routes for server-side rendering with Node and Express using RESTful routes for fast rendering performance
- Used Sequelize to create models for Users, Orders, and Products, to develop associations/relations for the models, and to query data from the postgresSQL database for server-side rendering
- Utilized Bootstrap to develop responsive design, highly customizable components, and clean and consistent code

**Planner-Getaway** | <https://planner-getaway.netlify.app> | <https://github.com/gedelao/Planner-Getaway> May 2022

- Member of a 3 person development team building a front-end application to help plan an itinerary for your next vacation by fetching data from Google Maps API and OpenWeather API primarily built with Javascript, Bootstrap, and CSS

**Report Automation Using Selenium and Python** | Marsh and McLennan Agency April 2021

- Developed a script using Python and Selenium that automatically logged in, selected specific client and time period, and took screenshots within the data analytics platform then populated a PowerPoint report with the screenshots to provide to clients

### PROFESSIONAL EXPERIENCE

**Marsh and McLennan Agency** | *Healthcare Data Analyst II* | Atlanta, Georgia January 2020 - March 2022

- Translated data into actionable dashboards using Artemis, Tableau, Excel and Powerpoint for client presentations
- Communicated findings and presented data to clients, consultants, and account teams in a way that can be easily understood

**Onedigital Health and Benefits** | *Benefits Financial Analyst* | Atlanta, Georgia May 2017 - January 2020

- Created financial and claims reports collaborating with consultants to reduce cost on health insurance spend for employers

### EDUCATION

**DigitalCrafts** | *Full-Stack Web Development Bootcamp* | Atlanta, Georgia April 2022 - July 2022

**University of Georgia** | *B.B.A in Risk Management and Insurance* | Athens, Georgia May 2017