

JUSTIN VONGDARA

Software Engineer

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SKILLS

Languages - JavaScript, HTML, CSS, Python | **Libraries and Frameworks** - React, Node.js, Express, Flask

Database - PostgreSQL, Sequelize, ORM, MongoDB, Mongoose, ODM | **Other** - RESTful Routing JSON

SOFTWARE DEVELOPMENT PROJECTS

Solace | Mobile-first designed app for users to log & manage their sleep, personal journal as well as meditate **Jan. 2022 - Present**
HTML, CSS, JS, Flask, Node.js, PostgreSQL, Python, React, JWT

- Built a decoupled full stack application with a React/Node.js front end & Python/Flask/PostgreSQL back end, with full CRUD capabilities including protected routes on the client-side routing
- Synchronized workflow with a teammate to best utilize time management and efficiency to be able to add multiple stretch goals within the application.
- Incorporated JSON Web Token based Authorization with backend hashing to securely store a user's log-in information.
- Implemented a SQL database using Flask and PostgreSQL with a one-to-many schema design.
- Assigned as SCRUM master of the team and managed all planning aspects and goals achieved along the process.

Scoute | Tourist App that allows users to find Restrooms, Restaurants, or Parking Lots based on their location.

HTML, CSS, JS/JXS, Express, Node.js, MongoDB/Mongoose, React, Token-Based Auth

- Engineered a mobile-first design for optimal UI/UX to improve the user's experience while using the application.
- Featured a MERN stack (MongoDB, Express, React, Node.js) to build a full stack decoupled application in 7 days with full CRUD (create, read, update, delete) operations.
- Developed in a team of 3 working in sync while using git and heroku as our version control.
- Integrated token-based OAuth with backend hashing to securely store a user's log-in information.
- Managed the version control responsibilities as the GitHub PoC, resolving any merge conflicts and maintaining best commit practices.

COOKIT | Recipe App for users to create, store and view recipes from other home-chefs.

HTML, CSS, EJS, Express, Node.js, MongoDB & Mongoose, Passport, Google OAuth

- Utilized EJS for the front-end of the application that was responsive and polished with CSS for a better user experience.
- Designed an Express, MongoDB, Node.js backend handling all create, read, update, delete (CRUD) operations, and tested all backend routes during development using VS Code.
- Used Mongoose to define schemas for MongoDB collections.

Checkers Universe | Web-based, responsive, checkers game for 2 players.

HTML, CSS, JavaScript

- Created a web-based Checkers game between two players.
- Provided the players with the ability to input their desired player names along with selecting a theme for their game.
- Mainly utilized JavaScript to create the functionality of the game. Used HTML and CSS to create the checkerboard and styling.
- Displayed a winner at the end and allowed the players to play again or return to the main screen to select another theme.

PROFESSIONAL EXPERIENCE

Startup/Systems Integration Engineer | Salvagnini America inc. | Hamilton, OH

Feb. 2018 - Jan. 2022

- Efficiently start-up and calibrate advanced, multi-million-dollar, sheet metal machinery.
- Collaborate with the customer to provide operator and maintenance training along with supporting their production.
- Assisted with improving the startup work-flow and training procedure to allow new-hires to work independently and efficiently in a shorter time period.
- Consistently managed multiple tasks and personnel simultaneously to accomplish a successful startup within the allotted time of 2-4 weeks.
- Applied advanced troubleshooting skills to resolve mechanical, electrical, or software issues.

Production Engineer Co-Op | Toyota Motor Mfg | Princeton, IN

Aug. 2017 - Dec. 2017

- Coordinated with the engineering team to manage project tasks to increase efficiency in production
- Modified production equipment using CAD software and metal fabrication to improve operator work-flow and ergonomics
- Oversaw custom upgrades and testing of new/modified production equipment.

Head-Waiter | Bamboo Kitchen | Cincinnati, OH**Sep. 2015 - Jun. 2017**

- Supervised wait-staff and bussers to work as efficiently as possible, especially during peak hours.
- Expressed necessary changes to work methods and habits to provide better customer service
- Trained new wait-staff the proper methods of effectively serving and waiting tables.
- Provided outstanding customer service by satisfying all customer needs and relaying necessities to our kitchen staff.

Stockroom Athlete | Nike Factory Store | Cincinnati, OH**Nov. 2013 - Jun. 2017**

- Processed new apparel, footwear, and equipment above the average time to provide customers with the newest products.
- Responded to Front of House requests to better provide the best customer service as a team.
- Managed, organized, and maintained , and organized all large stock bins to easily locate items and satisfy item pull requests.

EDUCATION**GENERAL ASSEMBLY | REMOTE*****Software Engineering Immersive*****Apr. 2022**

Full-stack software engineering immersive student in an intensive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

NORTHERN KENTUCKY UNIVERSITY | HIGHLAND HEIGHTS**Dec. 2017*****B.S. Mechanical & Manufacturing Engineering Technology***