

# Chase Allman-Knieper

Software Engineer || Front-End Developer

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## SKILLS

**Languages** - JavaScript, HTML, CSS, Python

**Libraries and Frameworks** - React, Node.js, Express.js, Django, Bootstrap, Materialize CSS

**Database** - Experience with non-relational and relational database systems: PostgreSQL, Sequelize, MongoDB Atlas, MongoDB, Mongoose, AWS | **Other** - RESTful Routing, JSON, Jira, Agile Development

## SOFTWARE DEVELOPMENT PROJECTS

09/2022-Current

### Agile Software Development

- Collaborating with a large, cross-functional team consisting of software engineers, UX engineers, and industry experts from StitchFix and Accenture.
- Utilizing agile development methodology and production management tools: LucidChart, Figma, and Jira.
- Conducted extensive user research over nearly 20 interviews to determine pain points of clients and how to best remedy them and communicated these data through an affinity map and user stories.
- Designed our application with user experience as our first priority to deliver an intuitive UI.
- Utilized the full MERN stack: MongoDB/Mongoose, Express, React.js, and Node.js to develop the application.

### Not-Shein

- Developed and designed a full-stack MERN, ecommerce application utilizing React.js on the front end and Express.js on the back end.
- Deliberation in creating a user-friendly experience for client-side interactions for this user-facing application.
- Designed elegant, responsive UIs that provide a satisfying user experience.
- Implemented databases with MongoDB, Mongoose and MongoDB Atlas.
- Researched intensively to create a comprehensive database unique to my project.
- Styled the application using Styled-Components, Bootstrap, and CSS3 with flexbox layouts.
- Deployed the application with Heroku.

### SomeTrails

- Collaborated to create a full-stack web application utilizing Python and Django.
- Implemented databases with Postgresql and Amazon Web Services (AWS).
- Managed the GitHub Repository.
- Made API fetch calls to retrieve rich data from over 275 National Parks.
- Created application with a mobile-first approach and oversaw styling the application using Styled-Components, Materialize, and CSS3 with flexbox layouts.
- Deployed the application with Heroku.

### The Quintessential Hiking Guide

- Created a full-stack web application from the ground up.
- Made RESTful routes with Express, MongoDB, and Node.js on the backend handling all create, read, update, delete (CRUD) operations.
- Set up authorization and authentication for user-centric CRUD operations with Google OAuth.
- Utilized the GitHub API.
- Used Mongoose to define schemas for MongoDB collections.
- Implemented ES6 tagged template literals with Styled-Components, Bootstrap, and CSS3 to provide style and flex layout of the application.
- Deployed the application with Onrender.

### Connect 4

- Implemented a single-page, front-end game.
- Used Git and GitHub for version control and GitHub Pages for deployment.
- Implemented game logic with JavaScript.
- Styled and created the visual aspects using HTML5, and CSS3.
- Deployed the application with GitHub Pages.

## PROFESSIONAL EXPERIENCE

**What-If Syndicate,** Lead Server | Scottsdale, AZ

**01/2022 - 09/2022**

- Engineered a scalable training module utilized throughout the company's open.
- Implemented strategies to increase food and beverage sales by upwards of 30%.
- Optimized workflow which led to our team breaking a company-record profit margin of \$88k in a single weekend.
- Established company relations with neighboring businesses and new stakeholders leading to thousands in sales and an increase in private clientele by upwards of 100%.

**Osio Culinary Group,** Lead Server | Scottsdale, AZ

**08/2021 - 03/2022**

- Created a luxury client experience by providing a client-focused relationship which included product presentation and hospitality; curating a detail-oriented experience for the end-user.
- Generated sales and exceeded sales goals on a monthly basis while promoting company values.
- Increased speciality product sales beyond monthly quotas.

**Fox Restaurant Concepts,** Server | Scottsdale, AZ

**01/2021 - 08/2021**

- Devised a solutions-focused onboarding to lead wine sales within my team.
- Curated a guest-focused experience which led to an increase in user reviews for the company.

**Gabriella's Contemporary American Cuisine,** Lead Bartender | Scottsdale, AZ

**10/2020 - 06/2021**

- Designed speciality menus for the highest grossing profit in the company's history.
- Developed a scalable training module for the bar program of the company.
- Improved workflow which led to the company saving training hours by 25%.

## EDUCATION

### GENERAL ASSEMBLY | REMOTE

*Software Engineering Immersive*

**09/2022-12/2022**

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.

**Arizona State University | Lansing Community College | Grand Valley State University | MI-AZ**

**08/2016-12/2020**

*64 credits completed in honors while studying political science and computer science.*