

Brandon Kiefer

Full-Stack Software Engineer

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SKILLS

Languages | JavaScript, Python, Java, PHP, Typescript, HTML, CSS, French

Libraries and Frameworks | React, Node.js, Express.js, jQuery, EJS, Django, Mongoose

Database | MongoDB, PostgreSQL, SQL

Design | Adobe Photoshop, Illustrator, InDesign, Light Room, and other Creative Cloud software

Other | Visual Studio, IntelliJ, RESTful APIs, AJAX, JSON, Git, Docker, Github, Heroku, MAC OS, Linux, Microsoft Windows

PROFESSIONAL EXPERIENCE

React Cohort Instructional Leader and JavaScript Tutor | Code the Dream | Remote

(2023 - present)

- Serve as a technical and practical resource for students learning React.js and web development as well as overseeing coordination of mentors, and providing additional learning and instructional resources as necessary.
- Host weekly group study sessions and manage calendar for 1:1 appointments with students.
- Review and provide feedback on submitted course projects and other assignments.

Treatment Coordinator | San Francisco Dental Partners | San Francisco, CA

(2020 - 2024)

- Developed new workaround techniques for Dentrix Software that improved efficiency for colleagues and benefited the patients of the practice.
- Managed patient communications via email, SMS, telephone, and website portal to serve their scheduling needs and questions.
- Troubleshoot various hardware, software, and IT problems as they arise in the practice.

Front Office Coordinator | Mission Terrace Dental | San Francisco, CA

(2017 - 2020)

- Administrated the doctor's daily schedule in Open Dental software with emphasis on time-management leading to consecutive increase in annual revenue production for the practice.
- Documented and created step-by-step "How-to" tutorials for Open Dental software pertaining to various technical processes and procedures of the office.
- Responsible for other administrative duties including coordinating treatment reports, auditing/ processing claims from insurance, ordering office supplies, and troubleshooting IT issues as needed.

Photo Editor | Barksdale School Portraits | Greater Philadelphia Area, PA

(2013 - 2017)

- Cultivated techniques for automating touch-ups to digital photography.
 - Provided Photoshop expertise for manual photo editing.
 - Updated job status on projects and in client database.
 - Supervised printing services through paper and ink inventory control as well as printer calibration.
 - Responsible for quality control and customer experience.
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EDUCATION

Software Engineering Immersive | General Assembly | Remote

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

Bachelor of Arts (French and Studio Art) | University of South Alabama | Mobile, AL

Graduated with dual Bachelor's degree in both French Language & Literature and Studio Art

Study Abroad | Université Paul Valéry | Montpellier, France

Spring semester of study abroad with courses focused on French language, culture, and history

PROJECTS

MyBikeDatabase | Full-Stack web application

<https://my-bike-database.onrender.com/>

MongoDB, Express.js, React.js, Node.js

- Engineered schema in the backend containing multitude of properties for bicycle components
- Designed and created UX on splash page for users to cycle through images and colors
- Built a full-functioning registration and login system using JSON web tokens and BCryptJS to securely hash account passwords
- Established a backend system using Express.js using MVC design to handle full CRUD operations and error handlers

ATMOS | Air Quality index Full-stack mobile and web application

<https://atmos-frontend.onrender.com/>

MongoDB, Express.js, React.js, Node.js

- Collaborated with a team of UX/UI designers to bring their high-fidelity Figma wire frames to life by constructing a responsive front end that met their specific vision for the product which accesses an API to render current Air Quality conditions around the United States.
- Managed and coordinated team of 4 other software engineers to successfully meet project goals with a tight deadline.
- Analyzed team members' code to troubleshoot and solve any issues that were blocking path to success.

Hell's Spoon | Full-stack culinary social media web app

<https://hells-spoon.onrender.com/>

Node.js, Mongoose, Express, EJS, BCryptJS

- Served as lead back-end developer in a collaboration with 3 others to create a full-stack web application with full-CRUD functionality.
- Integrated middleware to grant sessions to users who can Register, Login, and store information to their profile while securely hashing their passwords with BCryptJS.
- Used teamwork in making EJS show pages with CSS to add style for users that complement their individual recipe contributions
- Deployed using Render and MongoDB Atlas.

CERTIFICATIONS & AWARDS

Full-Stack Software Engineering, General Assembly (2022)

Phi Sigma Iota Honor Society (2013)

[Benjamin A. Gilman International Scholarship](#) (Spring 2012)

Dean's list, U. of South Alabama (2009, 2010, 2011, and 2012)