Brandon Kiefer

Software Engineer

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SKILLS

Languages | JavaScript, Python, Java, PHP, Typescript, HTML5, 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, JSON, Git, Docker, Github, Heroku, MAC OS, Linux, Microsoft Windows

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PROJECTS

ATMOS | Air Quality index Full-stack mobile and web application   (08/2022)
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.
● Coordinated with team of 4 other software engineers to successfully meet project goals with a tight deadline.
● Analyzed team members' code to troubleshoot and solve backend and frontend issues that blocked path to success.

MyBikeDatabase | Full-Stack web application   (05/2022)
MongoDB, Express.js, React.js, Node.js
● Created a comprehensive bicycle inventory/component management application that allows users to store data about their bicycles to ensure compatibility for future repairs/service.
● Designed a thoughtful front-end with an optimal UX that lets new users cycle through various bike frames and allows color customization.
● Engineered login and registration components that use Sessions to store and fetch bicycle data for logged-in users
● Developed show pages for every saved bicycle, rendering a custom image and the values of that bike's specific component properties.
● Deployed using Render and MongoDB Atlas.

Wrestl API | Full-CRUD API web application   (04/2022)
Django, Python, JavaScript, React
● Developed a web app to serve as a professional wrestling event API specifically for events in the 1990s.
● Utilized Django and PostgreSQL to migrate data for event's # of matches, year they took place, and best matches on the show.
● Employed all CRUD operations to let users create, read, edit, and delete information for events.

Hell's Spoon | Full-stack culinary social media web app   (03/2022)
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 compliment their individual recipe contributions

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PROFESSIONAL EXPERIENCE

Mentor and Tutor | Code the Dream | Berkeley, CA   (04/2023)-(present)
● Help students from non-traditional backgrounds learn the fundamentals of JavaScript and web development in Code the Dream's Intro to Programming course
● Host weekly group study sessions and manage calendar for 1:1 appointments with students to answer questions and provide feedback on weekly assignments
● Review and provide feedback on submitted course work assignments hosted on Replit

Treatment Coordinator | SF Dental Partners | San Francisco, CA   (10/2020)-(present)
● Organized and executed new work flows based around Dentrix Software that improved efficiency for colleagues and benefited the patients of the practice.
● Managed patient communications via email, SMS text, telephone, and website portal to serve their needs and questions.
● Facilitated the office schedule- scheduling new appointments for patients and important meetings for the doctors.
● Troubleshoot various hardware, software, and IT problems as they arise in the practice.

Front Office Coordinator | Mission Terrace Dental | San Francisco, CA   (10/2017)-(10/2020)
● 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.
● Established a trusting relationship with new and existing patients using interpersonal skills to augment growth of the practice while maintaining perfect Google and Yelp reviews.
● Responsible for other administrative duties including coordinating treatment reports, auditing and processing claims from insurance, ordering office supplies, and troubleshooting IT issues as needed.
● Orchestrated monthly staff meetings for analysis of previous month's production reports.

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   (05/2022)
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   (05/2013)
Graduated in 2013 with double-major in French Language & Literature and Studio Art

Study Abroad | Université Paul Valery | Montpellier, France   (2012)
Spring semester of study abroad with courses focused on French language, culture, and history

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CERTIFICATIONS & AWARDS

Benjamin A. Gilman International Scholarship (2011)

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

Phi Sigma Iota Honor Society (2013)