Jake Brown

Full-Stack Web Developer, Author

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SUMMARY

Certified Software Engineer with a background in creative writing and logistics. Skilled in Python, JavaScript, and full-stack web development. Passionate about creating innovative solutions and enhancing user experiences. Seeking a software engineering role to leverage a diverse skill set in developing user-centric applications.

SKILLS

Programming Languages: Python, JavaScript, HTML5, CSS3, SQL
Frameworks & Libraries: React.js, Express.js, Node.js, Django
Databases: MongoDB, PostgreSQL, Mongoose
Tools: Git, Heroku, Docker, Agile Methodologies, RESTful APIs
Additional Skills: Authentication & Security (JWT, bcrypt), Templating Engines (EJS), Version Control
Creative Skills: Writing & Content Creation, Published Author/Essayist, Music Composition and Production, Technical Documentation, Oral Communication

EXPERIENCE

Full-Stack Developer/UX Designer, Fellow | General Assembly | Remote | September, 2024 - December, 2024 | Certificate of Completion [link](#)
➜ Completed a full-stack development program, delivering four projects across the full software development lifecycle. Focused on building user-centric web applications with emphasis on optimal functionality for heavy traffic.

Projects:

YokelPulse | [Link](#)
Technology: Python, Django, Django REST Framework, PostgreSQL, HTML5, CSS3, JavaScript, React.js, Bootstrap, Git, Docker, Heroku
Developed YokelPulse, a full-stack web application designed to connect local communities by aggregating news, events, and discussions tailored to neighborhood interests to lessen the stress and shock of moving to a new place.

- Led Frontend and Backend Development: Built responsive user interfaces using React.js, enhancing user engagement and accessibility across devices. Implemented state management with React Hooks to efficiently manage application data.
- Developed RESTful APIs with Node.js and Express.js to handle user authentication, data retrieval, and real-time updates. Integrated MongoDB with Mongoose for efficient data storage and retrieval, designing schemas for users, posts, and comments.
- Authentication and Security: Implemented secure user authentication using JSON Web Tokens (JWT) and password hashing with bcrypt, ensuring data privacy and security.

Book Club Bub | Link
Technology: Express.js, Node.js, MongoDB, Mongoose, Multer, Git, Heroku, HTML5, CSS3, JavaScript, EJS (Embedded JavaScript)
Developed Book Club Bub, a full-stack web application that connects book enthusiasts by allowing users to create and join book clubs, schedule meetings, and engage in discussions about their favorite books.

- Frontend: Designed dynamic user interfaces using EJS templating, enabling seamless integration of server-side data into the frontend. Implemented responsive design principles to ensure optimal viewing across various devices and screen sizes, enhancing user experience. Styled components using CSS3 to create an engaging and intuitive UI that promotes user engagement.
- Backend: Built RESTful APIs with Node.js and Express.js to manage user authentication, book club creation, meeting scheduling, and profile management. Integrated MongoDB with Mongoose to define schemas and interact with the database for users, books, meetings, and clubs, ensuring efficient data handling. Implemented business logic to handle complex operations like meeting coordination and user roles within book clubs.
- Authentication and Security: Developed secure authentication systems using bcrypt for password hashing and JSON Web Tokens (JWT) for session management, ensuring data privacy and secure access control. Enabled profile customization, allowing users to upload profile pictures using Multer, enhancing personalization and user connection.

PREVIOUS POSITIONS
Key Account Coordinator | ACERTUS | St. Louis, MO | August 2023 - August 2024
- Quickly resolved complex customer issues and identified and implemented opportunities for process improvement.
- Developed and implemented customer service policies, procedures, and standards that are designed to improve the customer experience and drive customer loyalty.
- Maintained effective and timely communication between internal Car Haul, Drive Away, and Title & Registration stakeholders.
- Managed, coached, and trained direct reports as appropriate, utilizing strong communication skills.

Logistics Account Executive & Customer Service Coordinator | TQL - Total Quality Logistics | St. Louis, MO | September 2021 - July 2023
- Learned the nature of the logistics industry and supply chain.
- Networked and underwent thorough training while maintaining sales and support metrics - assisted in training new hires regularly.
- Was promoted to a permanent role on a tenured broker's account as a result of my performance in managing their book of business as the customer point of contact when they were indisposed.
- Prospected companies to further grow the account and landed new clients weekly.

Writing Coach/Tutor | Webster University Writing Center | Webster Groves, MO | June 2017 - May 2019
- Provided personalized tutoring for undergraduate and graduate students, focusing on essays, research papers, and creative writing projects in both fiction and non-fiction genres. Mentored students to develop strong thesis statements and arguments, improving their analytical and critical thinking skills.
- Collaborated with English department faculty to identify common writing challenges and tailored tutoring strategies to address them. Supported ESL (English as a Second Language) students, helping them overcome language barriers and improve academic writing proficiency.
- Conducted workshops and group sessions on writing techniques, citation styles (APA, MLA, Chicago), and effective research methods.

EDUCATION
Software Engineering Bootcamp | General Assembly | Remote | New York City | September 2024 - December, 2024
Full-time immersive program in Software Engineering consisting of 480+ hours of project work, professional training, and mentorship. Executed end-to-end UX/UI design processes, Full-Stack Development, Data Analysis and Evaluation, Data Modeling and Forecasting. Worked fully remote with teams using Agile methodologies and iterative development.
- Full-time immersive program consisting of 480+ hours of instruction and hands-on project work
- Gained expertise in full-stack development, working on projects from concept through deployment
- Emphasized Agile methodologies, test-driven development, and collaborative team practices
- End-to-end UX/UI design processes, Full-Stack Development, Data Analysis and Evaluation, Data Modeling and Forecasting for four projects.

Bachelor of Arts: Creative Writing (in progress) | Webster University | Webster Groves, MO | August 2016 - present
- Full-time undergraduate program in Creative Writing consisting of extensive coursework in literature and writing workshops
- Completed 120+ credit hours focusing on narrative structure, literary analysis, and creative expression

Advanced Coursework:
- Advanced Fiction Writing Workshops
- Advanced Poetry Workshops
- Creative Nonfiction Seminars
- Literary Analysis and Criticism

Publications and Achievements:
- Published novella "The Game and the Interloper," the play "Edgewise," and essay "The Great Ones Die Young" in the university's literary journal, The Webster Journal.
- Academic Excellence Scholarship