Joshua Bischoff

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LANGUAGES AND TECHNOLOGIES

Languages and Frameworks: Python, Django, Django REST Framework, C#, ASP.NET Core, ASP.NET MVC, JavaScript, HTML, CSS, React.js, JSON, Express.js, Next.js, Ionic, Capacitor, React Native, Go

Technologies: Node, MySQL, MSSQL, AWS, Azure, Docker, Git & GitHub, Postman, Linux, Windows, Web Services & REST API, VS Code, IntelliJ, Visual Studio, Jenkins, SaaS

PROJECTS & PROFESSIONAL CONTRIBUTIONS

devCodeCamp - Gradebook

A collaborative project featuring contributions from fellow instructors. Serving as the primary team leader, key features were developed and implemented allowing the company's essential gradebook tool to perform optimally. Project efforts included reviewing existing ERD, operating within multiple inter-relational databases, designing and writing actively functioning code. These contributions were further validated through QA testing protocols and successfully pushed to the final, production-level application.

- Technologies used: C#, ASP.NET MVC, AWS, ASP.NET SMPT Client, MSSQL Server, Postman, Razor Sheets, Bootstrap, Notion API
- Features:
    - Password reset functionality, which allows a user to input their email and receive a password reset link.
    - Restyled the entire application using Bootstrap libraries.
    - Upload via CSV file, so that an instructor can upload multiple students at a time, ultimately saving time and resources.
    - Implemented missing CRUD functionality.
    - Added Notion integration that automates student project submissions with the company Notion page, allowing for Kanban tasks to automatically appear when a grade is submitted.

Capstone – mealControl   **Repository**

A meal planning application designed to streamline meal planning and decision-making processes.

- Technologies used: JavaScript, React.js, Edamam Recipe API, Python, Django, Django REST Framework, MySQL, JSON Web Token, Fullcalendar.io
- Features:
    - User account registration, login, and logout (Authentication using JWT), and API integration to check database for pre-existing usernames and email accounts
    - Display thousands of recipes collected from hundreds of recipes websites
    - Provides a Meal Builder feature so that a user can efficiently build and update meals
    - Added protected routing so that a user always knows if they are signed in as themselves
    - Secured third-party API keys and email accounts with backend APIs

EDUCATION

devCodeCamp | Software Development Certificate   2023

- 20-week, project-based coding bootcamp focused on computer science concepts, building real-world full-stack applications, and deploying them to the cloud utilizing DevOps best practices
- Utilized Python, JavaScript, Java, SQL, React.js, and Django for algorithm development, coding, debugging, testing, and building of full-stack and software applications
- Focused on programming best practices, object-oriented programming, functional programming, algorithms, time complexity, SOLID design principles, design patterns, SQL, application programming interfaces, web design and development, testing, agile, software

development life cycle, and DevOps

Central Michigan University | Mount Pleasant, MI   2022

Bachelor of Science in Mechanical Engineering Technology

EXPERIENCE

devCodeCamp | Instructor & Software Developer   2023– 2023

Remote, USA

- Conducted interactive and engaging lectures, workshops, and hands-on coding exercises to teach students the fundamentals of web development, software engineering, and problem-solving techniques.
- Mentored and provided personalized 1:1 assistance to students to help them overcome coding challenges and improve their skills.
- Developed and delivered comprehensive curriculum content, tailored to industry standards and the latest technological trends, ensuring students received cutting-edge knowledge.
- Participated in the development of internal tools, purpose-built to enhance and optimize the delivery of a top-tier educational experience to both students and clients.
- Contributed to the growth of the devCodeCamp community by fostering a culture of continuous learning and collaboration.
- Facilitated successful project-based learning experiences, enabling students to collaboratively build real-world applications, websites, and software projects.

AT&T Authorized Retailer – IAG | Store Manager

Alma, MI

- Upheld personal and store sales quotas set by the company each month
- Performed advanced troubleshooting of smartphones in order to ensure customer retention
- Received store inventory and merchandising shipments
- Held responsible for managing all store operations

Verizon Wireless | Seasonal Sales Rep   2021 – 2022

Mount Pleasant, MI

- Assisted customers with basic troubleshooting of smartphones in order to shorten wait times
- Set appointments for customers to be seen by sales representatives
- Ensured that the store had a welcoming atmosphere upon client arrival