JONAH BILLERBECK

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SOFTWARE DEVELOPER

Innovative and results-driven software developer with experience building full-stack solutions for e-commerce and insurance platforms. Led development of a complete checkout system, sitewide SEO enhancements that secured top Google rankings, and a custom URL shortener to support marketing initiatives. Experienced in integrating AI into workflows, from running local GPU models to adopting emerging frameworks for real-world use. Skilled in modernizing applications through Bootstrap-driven UI/UX, database optimization, and migration of legacy build pipelines to npm for scalable deployment. Adept at leveraging technologies such as C#, JavaScript, SQL Server, AWS and Azure to deliver reliable, high-performance applications.

- Web Scraping/Automation
- Project Management
- Cloud Computing
- User Centric Design
- Team Leadership
- Advanced Data Management
- Front/Back-End Development
- Data Visualization
- Object Oriented Programming

EDUCATION | CERTIFICATION

Bachelor of Arts (B.A.) Software Development | Grand Canyon University | May 2024 Associates of Applied Science (A.A.S) Programming and Information Systems | Sep 2022

TECHNICAL COMPETENCIES

Frameworks: ASP.NET
Languages: Java; HTML; CSS; C#; JavaScript
Cloud Technology: Microsoft Azure, AWS
Databases: SQL, MySQL, MongoDB

Tools & Technologies: Git, JIRA, Docker, OpenAi, Claude, Ollama

SOFTWARE PROJECTS

Personal Portfolio – (https://www.Jonah-Codes.com)

- Built and maintain a personal website showcasing software projects and hosting simple daily-use tools.
- Designed the platform to flexibly add or remove custom tools to fit evolving needs, including a web hosted image tool, QR code generator, and fantasy football calendar system.
- Demonstrates ability to manage a self-hosted environment, integrate multiple applications, and deliver practical solutions that support both personal and professional workflows.

Easy Grader - Phoenix Union High School District (https://github.com/Joenuhhh/ChromeExtension) https://chromewebstore.google.com/detail/easy-grader/aecnkiaoopekpbilooaoknpkipjfohke?hl=en&authuser=0 Recognized inefficiencies in grade categorization due to the lack of support in the StudentVUE application for the school's specific grading scheme. Conceptualized a solution leveraging web scraping to automate the process, circumventing denied API access.

- Developed a Google Chrome extension using JavaScript, Plotly.js, and Chrome storage tools to extract and manage data from the StudentVUE web interface.
- Utilized HTML parsing techniques to scan, read, and reorganize necessary student grade information directly from the website.
- Implemented efficient data management features such as export to Excel, graphing capabilities, and advanced search functionalities.
- Published the extension on the Chrome Web Store, making it easily accessible for teachers within the district.
- Achieved significant time savings for teachers, reducing grading workload by 10+ hours per week during grading periods.

PROFESSIONAL EXPERIENCE

Software Developer

Perimeter Software Solutions & ShopMetal.com | Tempe, AZ

May

2024 – Present

ASP.NET Developer specializing in developing and maintaining software solutions for multiple auto insurance company clients and ShopMetal.com, an online solution to a Steel Supply store. Responsibilities include bug fixes, maintenance, adding new features, and performing comprehensive testing to ensure high-quality applications.

- Utilized a diverse tech stack, including JavaScript, C#, SQL databases, and AWS cloud services, to develop and maintain high-quality applications.
- Led UI/UX modernization efforts by implementing Bootstrap-driven modals, off-canvas components, and dynamic navigation hierarchies, resulting in a smoother and more intuitive user experience.
- Optimized database performance by re-architecting queries, indexing SQL Server tables, and restructuring product data models, improving load times across high-volume product catalogs.
- Designed scalable feedback and customer support systems with real-time data capture, screenshot uploads, and internal routing, enhancing responsiveness and customer satisfaction.
- Migrated legacy front-end build pipeline from Bundler & Minifier to npm-based asset management, improving maintainability and cache-busting for large-scale deployments.
- Implemented a custom URL shortener platform with tracking and analytics, enabling marketing campaigns and simplifying customer outreach.
- Delivered sitewide SEO enhancements, optimizing product feeds and page structures to secure top Google rankings and drive organic traffic growth.
- Spearheaded development of a full e-commerce checkout system, including cart, quote, shipping, billing, and payment workflows, streamlining the end-to-end purchase experience.
- Collaborated cross-functionally in Agile Scrum teams, participating in sprint planning, daily stand-ups, and retrospective meetings to drive iterative development and continuous delivery.
- Managed the entire development lifecycle through Jira, utilizing user stories, epics, and backlog grooming to
 ensure alignment with project goals and deadlines.
- Led improvements to applications by identifying and resolving bugs, implementing new features, and conducting comprehensive code reviews to ensure adherence to coding standards.
- Maintained seamless version control and code collaboration through Bitbucket and GitHub, leveraging Git for branching and merging strategies to improve workflow efficiency.
- Continuously delivered high-value software in time-boxed sprints, contributing to frequent releases and improving end-user satisfaction.

Aircraft Mechanic

United States Marine Corps – Various Locations

Jul 2015 – Jul 2020

- Conducted thorough pre-flight safety inspections on MV-22 Osprey aircraft, ensuring all systems were operational and enhancing overall flight safety.
- Performed organizational-level troubleshooting and maintenance on essential flight components, significantly reducing aircraft downtime and increasing mission readiness.
- Executed removal and replacement of critical flight components with precision, improving aircraft performance and reliability.
- Completed detailed maintenance records and reports, contributing to enhanced documentation accuracy, and streamlined maintenance processes.