Zahid Safi

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Experience

Software Developer, Backend — May 2021 – March 2023
BambooHR — Lindon, Utah

- Collaborated with team using PHP and MySQL to deliver culture solutions and insights for BambooHR customers by creating a fully functional solutions.
- Co-led the development of an intuitive survey feature that streamlined data collection and analysis for executives resulting in an increase in employee well-being tracking efficiency and improvement in response rates.
- Pioneered a dynamic training widget to provide real-time updates on completed, pending, and overdue training tasks to increase training completion rates.
- Faced with slow database performance for organizations with over 1,000 employees, optimized MySQL queries to reduce loading times by 40% and improve UX.

Identity and Access Management Intern — May 2021 – March 2023
University of Utah — Salt Lake City, Utah

- Partnered to modernize the University's login page using Apereo CAS, Git, Tomcat, HTML, and Linux.
- Tailored a Spring Boot app for streamlined user attribute management utilizing Apereo CAS, Git, and Linux.
- Efficiently administered CAS JSON files leveraging Java, Git, and Linux for seamless updates and organization.

Microsoft Support — May 2021 – March 2023
Education At Work — Salt Lake City, Utah

- Boosted customer satisfaction and five-star ratings by effectively resolving Office Suite technical issues.
- Outperformed competing support sites with exceptional service, increasing customer retention and positive feedback.
- Improved customer support with colleagues using OneNote and articles, reducing response time and enhancing first-contact resolution.

Technical Skills

Languages: PHP, C#, Java, C, C++, Python, MySQL, JavaScript, HTML, CSS
Frameworks/Libraries: .NET Core, ASP.NET Core, React.js, FastAPI
Developer Tools: GitHub , Azure, Postman, AWS

Projects

Sorting Algorithm Visualizer — May 2021 – March 2023

- Developed a HTML/CSS/JS and React app to visualize algorithm efficiency, boosting user understanding

U-Dash: Remote Campus Delivery Vehicle — May 2021 – March 2023

- Conceptualized and built a campus vehicle using Raspberry Pi, Python, and C for remote deliveries.
- Devised and deployed a user-centric web application with FastAPI and React for an enhanced UX.
- Implemented a REST API with FastAPI and Python to facilitate communication between the vehicle and web app.

Research Opportunity Web Platform — May 2021 – March 2023

- Crafted an MVC ASP.NET Core web app using HTML/CSS, C#, and SQL to connect students with research opportunities.
- Designed a user-friendly interface with HTML/CSS and Bootstrap to enhance the user experience.
- Implemented a REST API with ASP.NET Core and C# to facilitate communication between the web app and database.

FFMPEG: Innovative Audio Codec — May 2021 – March 2023

- Engineered an ASIF codec in C for FFMPEG, streamlining encoding/decoding of audio data in ASIF format.

Education

University of Utah - 3.7 GPA — Salt Lake City, Utah
Bachelor of Science in Computer Engineering — Dec 2022
Deans List, Fall 2017 - Spring 2020

Relevant Courses: Object-Oriented Programming, Data Structures & Algorithm, Web Software Architecture, Computer Systems, Software Practice I & II, Database Systems, Computer Network, Embedded Systems