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
Feb 2020 – May 2021

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
Jan 2018 – Feb 2020

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(Adv), C#(Adv), Java(Int), C/C++ (Beg), Python(Int), MySQL(Int), JavaScript/HTML/CSS(Int)
Frameworks/Libraries:.NET Core(Adv), ASP.NET Core(Adv), React.js(Int), FastAPI(Beg)
Developer Tools: GitHub (Int), Azure(Beg), Postman(Int), AWS(Beg)

Projects

FFMPEG: Innovative Audio Codec
- Engineered an ASIF codec in C for FFMPEG, streamlining encoding/decoding of audio data in ASIF format

U-Dash: Remote Campus Delivery Vehicle
- 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

Research Opportunity Web Platform
- Crafted an MVC ASP.NET Core web app using HTML/CSS/JS, offering a seamless user experience
- Employed Amazon Web Services for scalable deployment of the web application, reaching a broader audience

Comprehensive Learning Management System
- Created an ASP.NET Core web application to access/present data from an MySQL database on a web server
- Structured the MySQL database to encompass students, classes, departments, and more

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

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