

Zahid Safi

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EXPERIENCE

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| Backend Software Developer | BambooHR | May 2021 – Mar 2023 |
| <ul style="list-style-type: none">• Operated with scrum teams implementing business logic and specifications from product management and UX to deliver functional culture/insights solutions, to contribute to HR processes for over 20,000 customers.• Collaborated on an employee well-being survey feature with UX team, creating a data collection system that analyzed over 500+ responses, provided crucial insights for executive decision-making.• Employed CI/CD (Continuous Integration and Continuous Development) technology to deliver features to production daily and ensuring code quality by following proper software design.• Developed a training widget meeting business requirement to provide updates on completed, incomplete, and overdue training increasing completion rates for companies having 100+ trainings.• Optimized SQL queries to enhance data base performance for organizations with over 1,000 employees, reducing loading times by 40% and improving user experience. | | |
| IAM Intern | University of Utah | Feb 2020 – May 2021 |
| <ul style="list-style-type: none">• Tailored a Spring Boot app for streamlined user attribute management utilizing Apereo CAS, Git, and Linux.• Built a JSON file management using Java, Git and Linux to update, create and manage JSON files for CAS. | | |
| Microsoft Support | Education At Work | Jan 2018 – Feb 2020 |
| <ul style="list-style-type: none">• Troubleshoot and resolved Office Suite technical issues for 100+ clients in a timely and professional manner, boosting customer satisfaction ratings by 20%.• Outperformed competing support sites by delivering efficient and effective solutions, enhancing customer retention and loyalty to the organization.• Collaborated with colleagues using articles, reducing response time and enhancing first-contact resolution, helping 2x as many customers and doubling productivity. | | |

TECHNICAL SKILLS

Languages: PHP, C#, Java, C, C++, Python, MySQL, SQL, JavaScript, HTML, CSS

Frameworks And Libraries: .NET Core, ASP.NET Core, React.js, FastAPI

Developer Tools: Git, GitHub, Azure, Postman, AWS(EC2), Docker, Linux, Jira, CI/CD

PROJECTS

- Personal Portfolio Website**
- Coded a React app to showcase overall work experience, projects, and skills.
 - Deployed on Netlify using CI/CD to automate the deployment process and making the app publicly accessible.
- Sorting Algorithm Visualizer**
- Developed a React app to visualize algorithm efficiency to help understand algorithmic concepts and performance.
- U-Dash: Remote Campus Delivery Vehicle**
- Devised a campus vehicle using Raspberry Pi, Python, and C to provide efficient remote deliveries.
 - Implemented a REST API with FastAPI to establish communication between the vehicle and web application.
 - Built and deployed a ReactJS web application, enabling communication between the user and vehicle.
- Research Opportunity Web Platform**
- Created an MVC web app using HTML5, CSS3, C#, and MySQL to connect students with research opportunities.
 - Implemented a RESTful API with ASP.NET Core, enabling data transfer between the app and MySQL database.
- FFMPEG: Innovative Audio Codec**
- Engineered an ASIF codec in C for FFMPEG, streamlining encoding/decoding of audio data in ASIF format.

EDUCATION

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| Salt Lake City, Utah | University of Utah | Aug 2017 – Dec 2022 |
| <ul style="list-style-type: none">• Bachelor of Science in Computer Engineering - 3.7 GPA• Relevant Courses: Object-Oriented Programming, Data Structures & Algorithm, Web Software Architecture, Computer Systems, Software Practice 1 & 2, Database Systems, Computer Network | | |