Zach Smith

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Professional Profile

- Software Engineer who excels in *collaboration* and interpersonal *communication, development, deployment, and scaling*
- While facing *complexity* and time restrictions consistently *leads teams* to success in various roles across numerous fields
- Relying on *rapid comprehension* of new situations and *adaptability*, finds solutions while remaining *calm under pressure*

Technical Skills

Front End | JavaScript (ES5 and ES6), ReactJS, jQuery, HTML5, CSS3
Back End | Node.js, Express, PostgreSQL, SQL, MongoDB, RESTful API
Developer Tools/ Deployment | AWS: EC2, Loader.io, K6, NGINX, Axios, Babel, Git, Webpack, npm, Vim, Postman

Software Engineering Experience

Node Developer, Cirrus Pharmacy Systems   2023
- Developed a custom data processing program using JavaScript and Node.js to make diverse data more accessible
- Identified business requirements and utilized expertise to analyze multiple source files and reduce comparison time 10x
- Implemented efficient processes that streamlined the application architecture, freeing up company time and resources

Full Stack Software Developer, WeJamz Music Social Media Web Application   2022
- Collaborated with backend to authenticate users and developed navigation bar to provide persistent, vital functionality
- Maintained availability of login modules and current user access across all pages with React library prop drilling
- Completed components early then assisted teammates in building an aesthetic profile page, doubling deployment speed

Backend Software Engineer, Production Scaling Project   2022
- Architected a PostgreSQL database to allow rapid lookup with efficient queries via CLI and pgAdmin
- Successfully scaled to 4 EC2 instances load-balancing with NGINX, achieved max load of 8000 rps with 0% error rate
- Subjected system to extreme stress using K6 and Loader.io testing, halving response time and increasing throughput

Front End Software Developer, Atelier E-Commerce Web Application   2022
- Wrote robust, modular JavaScript and Node.js code to transmit elaborate data from APIs to end user
- Rendered diverse, easily digestible information to client, surpassed requirements by managing complex states with React
- Streamlined application by creating a visually appealing, cohesive, enjoyable experience harnessing pure CSS

Other Work Experience

Lead Server, Coastal Restaurant & Resorts, WA   2016 - 2020
- Mastered the intricacies of a rotating menu consisting of plates crafted with local ingredients varying seasonally
- Honed wine-pairing skills, viticulture knowledge, meal pacing, and anticipatory service in a fine dining environment
- Coached new employees, covered 10 table sections, and managed tip records while deftly executing time sensitive tasks

English Teacher, IES Al Iscar, Seville, Spain   2015 - 2016
- Created and presented English curriculum to all age groups of secondary school students in Villanueva del Ariscal
- Greatly improved English comprehension in students by delivering lessons in Math, Chemistry, Biology and Philosophy
- Cultivated in the students an interest in language, culture, traveling, and global affairs over the course of 6 months

Education

Hack Reactor - Advanced Software Engineering Certificate   2022
University of Nebraska - Bachelor of Science Degree - Regents Scholarship Recipient 2011 - 2015

Non-Traditional Experience

Throughout my twenties deep curiosity and the desire to explore propelled me to travel around the world, consistently communicating with individuals from all walks of life, overcoming logistical hurdles, and encountering an infinite variety of peoples and cultures. Having visited more than 50 countries I invariably witness breathtaking sights, have unforgettable experiences, and discover staggering levels of compassion, hospitality, and different ways of viewing the world. I endeavor to learn all I can about as much as possible and feel incredibly enriched and grateful for the opportunities for personal growth and improvement that these journeys provide. Next to my University and Hack Reactor degrees, travel has been an invaluable education. This time spent abroad has produced a much more confident and well-rounded person ready to take on any challenge.