Zach Smith

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Professional Profile

- Excels in collaboration and interpersonal communication, software development, deployment, and scaling
- Consistently leads teams to success in roles spanning numerous fields while facing complexity and time restrictions
- Finds solutions while remaining calm under pressure, relying on rapid comprehension of new situations and adaptability

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

Experience

Software Engineer at Lutheran Community Services Northwest   2024
- Designed and built a finance department website, enhancing their workflow and data management capabilities
- Implemented security conscious data processing tools and functions reducing financial code conversion times by 1000%
- Collaborated with cross-functional teams to understand requirements, ensuring the application met all operational needs

Node Developer at 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 at 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 at 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 at 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

Lead Server at Coastal Restaurants & 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 at 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

Driven by relentless curiosity and a thirst for exploration, I embarked on a journey that took me to over 50 countries throughout my twenties. This extraordinary odyssey immersed me in a diverse tapestry of cultures, people, and experiences, forging a unique set of skills that sets me apart in the field of software engineering. Faced with the unexpected, I learned to make the most of limited resources. Resourcefulness gained navigating the logistical challenges of unfamiliar environments now enables me to tackle complex coding dilemmas with ease. Adaptability fostered amid ever-changing surroundings serves as a crucial asset in the ever-evolving landscape of software development. My interactions with individuals from all walks of life, often in languages foreign to me, honed my communication skills. I now leverage those skills to effectively translate complex technical jargon into understandable terms for various stakeholders. These non-traditional experiences have equipped me with a distinctive skill set that complements my formal education and have shaped me into a confident, well-rounded, and adaptable software engineer, eager to meet any challenge head-on.