Tanner Bacon

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ACADEMIC ACHIEVEMENT

Bachelor of Science, Information Systems   Dec 2023
Brigham Young University - Marriott School of Business   *Provo, UT*
- Technical GPA: 4.0; Overall GPA: 3.91
- Specialty Courses: JavaScript, Node.js, React, AWS - including Lambda functions, Data Structures, AI technology and Machine Learning, Systems Development Life Cycle, Project Management and Agile/Scrum methodologies, Express.js, Python, Django, Java, C++, HTML, CSS, Database Systems, Systems Analysis and Design, UML, Flowcharts, ASP.Net Core, C#, Information Security, Data Communication and Networks
- Dean's list Winter 2022 - Summer 2023, Academic Scholarship 2020-2023
- Extra-curricular Memberships – Association for Information Systems, Cyber Security Student Association, Linux Club, Phi Eta Sigma Honor Society, Golden Key National Honor Society

SKILLS

- JavaScript | Node.js | React | AWS Lambdas | AI and ML | REST APIs | Vue.js | Python | Django | MySQL .NET | C# | SDLC | MongoDB | SQLite | PostgreSQL | Linux | Nginx | Apache | Security and Networking
- AWS Certified Cloud Practitioner. Experience with Azure, GCP, and AWS including Lambda

EXPERIENCE

Web Development and Analytics Associate   Jun 2021 – Present
Education Services LLC   *Draper, UT*
- Deliver new API based webpages within a Scrum development environment using JavaScript and Node.js
- Develop Machine Learning algorithms such as clustering and forecasting, resulting in a 32% increase in website conversion rates and Search Engine Optimization, increasing engagement by 300%
- Engineer and deploy scalable scripts to automate tasks, including API integrations, new webpage and content uploads, reducing hands on time spent on these processes by 99.44%

Solutions Architect Intern   May 2022 – Aug 2022
Amazon Web Services (AWS)   *Arlington, VA*
- Constructed a responsive QR based MFA webpage using React, JavaScript, and AWS Amplify, resulting in 30% reduction in authentication latency
- Engineered and executed a coinciding QR based MFA mobile app using Java, Kotlin, Authenticated API calls, and JSON web tokens, eliminating static credentials on untrusted devices by 100%
- Programmed AWS Lambda functions and Amazon API Gateway to orchestrate Web Socket API requests and responses, resulting in a 50% reduction in average response time and a 40% increase in workflow efficiency
- Created and launched an AI-powered chatbot through AWS Lambda functions, Amazon Lex, and DynamoDB, driving automated customer service interactions and increasing customer satisfaction by 28%
- Championed an award-winning hackathon solution encompassing AWS Lambda functions, RESTful API services, and a React front end, resulting in a boost in global scaling efficiency by 45%

System Administration Intern   Jun 2021 – Sep 2021
SuperLumin Networks   *Sandy, UT*
- Implemented service patches and maintenance updates for 20 personally assigned Linux servers, including daily updates and log monitoring, achieving 99.9% uptime rate throughout the internship
- Devised and coded scalable task automation scripts in Python, facilitating over 15,000 server efficiency tests and achieving a 60% reduction in testing timelines

Inventory and Sales Systems Manager   May 2015- Jan 2018, Jan 2020 – Jun 2021
Bike Peddler   *American Fork and Lehi, UT*
- Streamlined accounting and payroll operations by implementing automated SQL queries and VBA macros, resulting in yearly cost savings of more than $30,000
- Tailored Tableau visualizations to specific business needs, driving 20% enhancement in inventory turnover