TINA BAJWA

Site Reliability Engineer | Full Stack Developer

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PROFESSIONAL SUMMARY

Site Reliability Engineer with hands-on experience building production-grade infrastructure and automating disaster recovery processes. Recently completed SRE internship developing high-availability WordPress architecture using Terraform, Ansible, Apache, and MySQL on DigitalOcean. Skilled in CI/CD pipelines, Linux system administration, environment provisioning, and multi-region deployments. Proven ability to automate SSL certificate renewals, implement load balancer failover, and create comprehensive testing workflows. Strong background in full-stack development enabling effective collaboration between development and operations teams.

TECHNICAL SKILLS

Infrastructure & Automation:
Terraform, Ansible, Bash, Linux, DigitalOcean, CI/CD Pipelines

Cloud & DevOps:
AWS, Docker, GitHub Actions, Load Balancer Configuration

Programming & Development:
JavaScript, Node.js, Express.js, React, HTML, CSS

SRE Practices:
Infrastructure as Code, System Monitoring, Disaster Recovery, Testing Automation

Database & APIs:
MySQL, REST APIs, MongoDB Atlas

Methodologies:
Agile, Scrum, Version Control, Technical Documentation

PROFESSIONAL EXPERIENCE

Site Reliability Engineering Intern
April 2025 - August 2025

Addteq: The Top DevOps Tools & Software Team Products | Remote

- Built high-availability WordPress infrastructure for production environment using Terraform, Ansible, Apache, and MySQL on DigitalOcean
- Developed automated one-click recovery script reducing environment restore time from hours to minutes through snapshot automation and configuration management
- Provisioned QA testing environments by cloning production snapshots and configuring secure access protocols including SSH, PM2, and firewall rules
- Automated SSL certificate lifecycle management using acme.sh with DNS-01 challenge integration ensuring zero downtime
- Implemented load balancer failover configuration and multi-node deployments supporting high-availability requirements
- Deployed and validated multi-region infrastructure (Europe/Frankfurt) with comprehensive smoke testing for HTTP, SSH, MySQL, and application health checks
- Created technical documentation including deployment runbooks, disaster recovery procedures, and infrastructure architecture diagrams

Software Engineering Professional Development
June 2024 - November 2024

QuickStart | Remote

- Completed intensive full-stack software engineering training with hands-on experience in JavaScript, React, Node.js, and Express.js
- Built scalable web applications with secure API integration, authentication systems, and comprehensive CRUD functionality
- Developed task management and quiz platforms featuring dynamic search capabilities, real-time updates, and efficient data handling
- Applied Agile and Scrum methodologies for project management, version control with Git, and collaborative development workflows

Founder / CEO
2022 - Present

Baj Enterprise LLC | Fort Worth, TX

- Launched and managed e-commerce business leveraging data analytics to optimize product offerings and streamline operations
- Increased sales by 10% through data-driven optimization strategies and reduced operational costs by 18% through supplier relationship management

TECHNICAL PROJECTS

Task Management Web Application
Technologies: React, Node.js, MySQL, REST APIs

- Developed full-stack application with secure user authentication, role-based access control, and responsive UI design
- Built Node.js backend with comprehensive CRUD operations and MySQL database integration

Quiz Application with Real-Time Updates
Technologies: JavaScript, Node.js, Express.js, MySQL

- Built dynamic quiz platform with user-generated content, category-based organization, and real-time question updates
- Implemented complete CRUD system for question management with scalable Express.js backend architecture

EDUCATION & CERTIFICATIONS

EDUCATION

Software Engineering Bootcamp
November 2024
UTA QuickStart, University of Texas at Arlington

Bachelor of Arts, Advertising & Marketing Communications
May 2012
Columbia College Chicago

CERTIFICATIONS

• Certified Scrum Master, Scrum Alliance (2023)
• AWS Cloud Practitioner Essentials (2024)
• Getting Started with Docker, SimpliLearn (2024)
• Confluence Certification, Atlassian (2024)