

TINA BAJWA

DevOps Engineer | Full Stack Developer

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PROFESSIONAL SUMMARY

DevOps Engineer with hands-on experience automating infrastructure deployments and building CI/CD pipelines for production environments. Skilled in Infrastructure as Code using Terraform and Ansible, cloud platform management, containerization with Docker, and Linux system administration. Proven track record implementing automated disaster recovery solutions, managing database clusters, configuring monitoring systems, and resolving production incidents. Strong full-stack development foundation with JavaScript, React, and Node.js enabling effective collaboration across development and operations teams.

TECHNICAL SKILLS

Infrastructure as Code:

Terraform, Ansible, Bash Scripting, Configuration Management, Infrastructure Automation

Cloud & Platforms:

AWS, DigitalOcean, Docker, Load Balancer Configuration, Firewall Management (UFW)

DevOps & Monitoring:

CI/CD Pipelines, GitHub Actions, System Monitoring, Disaster Recovery, Apache, Linux Administration

Programming & Databases:

JavaScript, Node.js, React, Express.js, RESTful APIs, MySQL, MongoDB Atlas, Git/GitHub

Methodologies:

Agile/Scrum, Technical Documentation, Version Control, Continuous Learning, Problem Solving

PROFESSIONAL EXPERIENCE

Site Reliability Engineering Intern

Addteq | Remote

April 2025 - August 2025

- Automated infrastructure deployments using Terraform and Ansible for consistent provisioning across DEV, QA, and PROD environments on DigitalOcean
- Engineered disaster recovery automation reducing environment restore time from hours to 15 minutes through scripted snapshot management
- Deployed and managed DigitalOcean Managed MySQL cluster with automated replication, backup strategies, and comprehensive health monitoring
- Automated SSL certificate lifecycle management using acme.sh with DNS-01 validation for zero downtime certificate renewals
- Built monitoring and alerting infrastructure tracking CPU, memory, disk usage, SSL expiry, and database health with automated notifications
- Diagnosed and resolved production incidents including web server misconfigurations and load balancer health check failures
- Created comprehensive technical documentation including infrastructure diagrams, deployment runbooks, and disaster recovery procedures in Confluence

Software Engineering Intensive Training

QuickStart, University of Texas at Arlington | Remote

June 2024 - November 2024

- Completed intensive full-stack software engineering training with hands-on experience in JavaScript, React, Node.js, Express.js, MySQL, and RESTful API development
- Built and deployed scalable web applications with secure authentication, role-based access control, and comprehensive CRUD operations
- Applied Agile and Scrum methodologies, version control with Git/GitHub, and software development best practices through multiple collaborative projects

Founder / CEO

Baj Enterprise LLC | Fort Worth, TX

2022 - Present

- Automated e-commerce operations and optimized processes through data analytics and workflow automation
- Increased revenue by 10% through A/B testing; reduced operational costs by 18% through process automation and vendor management

TECHNICAL PROJECTS

Automated Infrastructure Deployment & Disaster Recovery System

Technologies: Terraform, Ansible, DigitalOcean, Bash, Apache, MySQL

- Built automated infrastructure provisioning system with modular Terraform configurations and Ansible playbooks enabling one-click environment recovery

Full-Stack Task Management Application

Technologies: React, Node.js, Express.js, MySQL, REST APIs, JWT Authentication

- Developed full-stack application with secure user authentication, role-based access control, and comprehensive CRUD functionality for task management

Dynamic Quiz Platform with Search Capabilities

Technologies: JavaScript, Node.js, Express.js, MySQL

- Built dynamic quiz application with user-generated content, category-based organization, and scalable Express.js backend architecture

EDUCATION & CERTIFICATIONS

EDUCATION

Software Engineering Certificate

UTA QuickStart, University of Texas at Arlington

Bachelor of Arts, Advertising & Marketing Communications

Columbia College Chicago

CERTIFICATIONS

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|------|---|--|
| 2024 | • AWS Cloud Practitioner Essentials
AWS 2024 | • Getting Started with Docker
SimpliLearn 2024 |
| 2012 | • Certified Scrum Master
Scrum Alliance 2023 | • Get the most out of Confluence
Atlassian 2024 |
| | • Get Started with JIRA
Coursera 2023 | • Trello for Beginners
Coursera 2023 |