

TINA BAJWA

DevOps Engineer | Full Stack Developer

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PROFESSIONAL SUMMARY

DevOps Engineer with production experience automating infrastructure, CI/CD pipelines, and disaster recovery using Terraform + Ansible. Reduced environment restore time from hours to minutes. Full-stack MERN developer skilled in React, Node.js, Express, MongoDB, and MySQL. Proven in production incident resolution, monitoring/alerting infrastructure, and zero-downtime SSL renewals. Certified Scrum Master® with hospitality background bringing empathy, composure under pressure, and ability to translate business needs into reliable systems.

TECHNICAL SKILLS

Infrastructure as Code:

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

Programming & Databases:

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

Cloud & Platforms:

AWS, DigitalOcean, Docker, Kubernetes (Minikube, PVCs, probes), Nginx, Load Balancer, UFW

DevOps & Monitoring:

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

Methodologies:

Agile/Scrum, Technical Documentation, Version Control, Confluence Runbooks

PROFESSIONAL EXPERIENCE

Site Reliability Engineering Intern

Apr 2025 – Aug 2025

Addteq | Remote

- Automated Terraform + Ansible deployments across DEV/QA/PROD on DigitalOcean, enabling consistent, repeatable provisioning
- Engineered one-command disaster recovery reducing restore time from hours to minutes using idempotent Ansible snapshots
- Deployed and managed DigitalOcean Managed MySQL cluster with automated replication, backup strategies, and real-time health monitoring
- Used Docker to spin up isolated Confluence environments for plugin compatibility testing, enabling rapid validation across multiple versions without impacting production
- Automated SSL certificate lifecycle using acme.sh with DNS-01 validation, ensuring zero-downtime renewals
- Built monitoring and alerting infrastructure tracking CPU, memory, disk usage, SSL expiry, and database health with automated incident 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

Jun 2024 – Nov 2024

QuickStart, UT Arlington | Remote

- Completed 500+ hours of intensive full-stack training with hands-on projects in JavaScript, React, Node.js, Express, MySQL
- Applied Agile/Scrum, Git/GitHub, and CI/CD best practices in collaborative team environments

Founder / CEO

2022 – Present

Baj Enterprise LLC | Fort Worth, TX

- Built and scaled Amazon FBA e-commerce business using data analytics and market insights to optimize listings and customer engagement
- Increased revenue by 10% through A/B testing; reduced operational costs by 18% through process automation and vendor management

TECHNICAL PROJECTS

TipTrack – Kubernetes Learning Project

Kubernetes, Docker, React, Node.js, Express.js, MongoDB, Nginx, ConfigMaps, Secrets, PVCs

- Containerized full-stack MERN app using multi-stage Docker builds; deployed 3 services with 5 pod replicas
- Implemented ConfigMaps, Secrets, and PVCs for MongoDB persistence and automatic recovery from pod failures
- Configured liveness/readiness probes and 3-tier microservices with LoadBalancer + ClusterIP for secure internal/external access

Full-Stack Bootcamp Portfolio

React, Node.js, Express, MySQL, MongoDB, JWT, Bootstrap

- Task Management App: Full CRUD, JWT auth, role-based access control, responsive React UI
- Dynamic Quiz Platform: Express backend with real-time search, MongoDB integration, scalable API design
- Business Website: Semantic HTML, advanced CSS, Bootstrap, Git/GitHub collaboration

Automated Infrastructure & Disaster Recovery

Terraform, Ansible, DigitalOcean, Bash, MySQL

- Built one-click provisioning and rapid recovery automation using modular Terraform configs and idempotent Ansible playbooks

EDUCATION & CERTIFICATIONS

EDUCATION

Software Engineering Certificate

UTA QuickStart, UT Arlington – 2024

BA, Advertising & Marketing Communications

Columbia College Chicago – 2012

CERTIFICATIONS

AWS Cloud Practitioner Essentials – AWS, 2024

Certified Scrum Master® – Scrum Alliance, 2023

Getting Started with Docker – SimpliLearn, 2024

Get the most out of Confluence – Atlassian, 2024

Get Started with JIRA – Coursera, 2023

Trello for Beginners – Coursera, 2023