TINA BAJWA

DevOps Engineer | Full Stack Developer

Fort Worth, TX | (815) 714-4006 | TinaMarie.Bajwa@gmail.com
linkedin.com/in/tina-bajwa | tina-bajwa.com | github.com/Tea-naa

PROFESSIONAL SUMMARY

DevOps Engineer with production experience automating infrastructure, CI/CD, and disaster recovery. Reduced environment restore time from hours to minutes using Terraform + Ansible. Full-stack MERN developer with React, Node.js, MongoDB, and Kubernetes expertise. Proven in incident resolution and building self-healing 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, MongoDB Atlas, JWT, Git/GitHub

Cloud & Platforms:
AWS, DigitalOcean, Docker, Kubernetes, Minikube, Nginx, Load Balancer Configuration, Firewall Management (UFW)

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

Methodologies:
Agile/Scrum, Technical Documentation

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 3-4 hours to minutes via idempotent snapshot scripts
- Deployed and managed DigitalOcean Managed MySQL cluster with automated replication, backup strategies, and real-time health monitoring
- 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 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

Founder / CEO
2022 – Present
Baj Enterprise LLC | Fort Worth, TX

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

Software Engineering Intensive Training
Jun 2024 – Nov 2024
QuickStart, UT Arlington | Remote

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

TECHNICAL PROJECTS

TipTrack – Kubernetes-Deployed Tip Tracker
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 (frontend, backend, MongoDB) 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, JavaScript, HTML/CSS, Bootstrap, JWT

- Built responsive business website with semantic HTML, advanced CSS, Bootstrap, and Git/GitHub collaboration
- Developed search-optimized web app with dynamic filtering, JavaScript interactivity, and backend database integration
- Created full-stack task manager with React CRUD, secure JWT auth, role-based access control, and intuitive UI
- Designed scalable Node.js quiz platform with Express API routes, middleware for security/performance, and user-generated content

Automated Infrastructure & Disaster Recovery
Terraform, Ansible, DigitalOcean, Bash, MySQL

- Built one-click provisioning and minutes-long recovery using modular Terraform configs and Ansible playbooks

EDUCATION & CERTIFICATIONS

EDUCATION

Software Engineering Certificate
UTA QuickStart, UT Arlington – 2024
BA, Advertising & Marketing
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