ANGAD PAL SINGH

WEB APPLICATION DEVELOPMENT | DEVOPS & AUTOMATION INTEGRATION | API OPTIMIZATION

+91-6264844611 | as2526019@gmail.com | Bangalore, India | [LinkedIn](#) | Date of Birth: 23rd Dec. 1999

Results-driven **Full Stack Engineer with 3+ years of experience** in designing and delivering **scalable, secure, and cloud-native web applications using React.js, Node.js, Express.js, and Sequelize**. Proven track record of automating **DevOps workflows, enhancing operational visibility, and integrating CI/CD pipelines** with GitHub Actions, Ansible, and Docker. Adept at building **data-driven portals for cloud compliance, infrastructure monitoring, and deployment** insights across **AWS and Azure**. Strong expertise in real-time dashboards, API integration, RBAC implementation, and containerized environments. Excels in boosting developer productivity and reducing admin overhead through intelligent tooling and centralized knowledge systems.

Skillset In: Full Stack Development | Frontend Engineering | Backend Engineering | Database Management | API Design & Integration | Cloud & Infrastructure | Containerization & Orchestration | Infrastructure Automation | Monitoring & Compliance | RBAC & Security | Communication Skills | Teamwork | Problem-Solving

Technical Skills

Languages & Frameworks	React.js, JavaScript, TypeScript, HTML, CSS, Node.js, Express.js, Sequelize (ORM for Node.js)
UI Libraries	Material UI (MUI)
Design & UX	UI/UX, Data Visualization
API Development	REST APIs, API Integration (JFrog, GitHub APIs)
DevOps & Automation	Terraform, Ansible (including Ansible Tower), GitHub Actions, Automation Scripts & Workflows, Server Configuration Compliance, Role-Based Access Control (RBAC), Service Health Monitoring, Real-time Infrastructure Visibility
Cloud & Containerization	AWS, Azure, Docker, JFrog
Version Control & Collaboration	GitHub, GitHub APIs

PROFESSIONAL EXPERIENCE

Sr. Associate | State Street Corporation — Jan. 2022 – Present

Growth Path**: Intern** | Jan. 2022 – Jun. 2022 → **Associate** | Jul. 2022 – Mar. 2024 → **Sr. Associate** | Apr. 2024 – Present

Key Achievements:

★ **Operational Efficiency:** Developed a full-stack portal for cloud compliance and automation, streamlining DevOps workflows.
★ **Centralized Administration:** Reduced administrative overhead by 25% through a unified dashboard for managing notifications, menus, feedback, and monitoring services.
★ **Developer Enablement:** Boosted developer productivity via an interactive Ansible playground and centralized knowledge base with version-controlled GitHub integration.

Key Deliverables:

- **Compliance Automation:** Built automated checks for server/VM and Docker image compliance, enabling real-time identification of misconfigurations and enforcing security policies.
- **Cloud & Infrastructure Monitoring:** Delivered Terraform insights with real-time visualizations, enabling better observability of project deployments and resource trends across environments.
- **Image Monitoring Automation:** Created Image Bakery to fetch and display container images from JFrog, Azure ACR, and AWS ECR with real-time deployment trend tracking.
- **Security & Access Control:** Implemented RBAC and automated health tracking for Ansible and Terraform services, improving security and reducing manual intervention.
- **API Integration & Optimization:** Designed scalable APIs for configuration compliance and optimized multi-cloud integration, improving responsiveness and data reliability.
- **CI/CD & Deployment Streamlining:** Leveraged GitHub Actions and Ansible Tower to automate deployments and accelerate release cycles through robust CI/CD pipelines.
- **Containerization**: Implemented Docker-based deployments, improving scalability, reliability, and ensuring consistent performance.

EDUCATION

B.Tech. (Computer Science) | Kalinga Institute of Industrial Technology, Bhubaneswar (CGPA: 8.96) — **2018 – 2022**