

SAMEER BAMANHA

SENIOR SOFTWARE ENGINEER

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EXPERIENCE

- Okta** August 2025 – Present
Senior Software Engineer, DevEx (ORD) Bangalore, Karnataka
- Own **airflow-token-enforcer**, Okta's SLT migration platform revoking unauthorized PATs and SSH keys across **41 GitHub orgs (3000+ users)**; shipped **20+ PRs** for the **July 31, 2026 cutover** of **44 bot accounts (24 on the SLT allowlist)**.
 - Co-built the **setting-syncer GitHub App**, a config-as-code enforcement pipeline covering **repo settings, rulesets, and bypass-actor guardrails** across Okta's **41-org** GitHub estate.
 - Built observability across all **3 apps** I own: **StatsD** metrics, an **8-section Grafana** dashboard, **PromQL** alerts, DAG heartbeats with **24h** staleness alerts, and **4h per-org SLA** alerts wired to **PagerDuty P2/P3**.
 - Shipped a **deferred-delete SQS** consumer that stopped silent audit-event loss on worker crashes; added receipt-handle dedup in batches to work around **AWS BatchEntryIdNotDistinct** errors on the **5000-msg** alert-threshold queue.
- Amazon** January 2023 – April 2025
Software Development Engineer I Bangalore, Karnataka
- Owned backend microservices** on **AWS Lambda, Java, and API Gateway** for a revenue-tracking platform used by **10,000+ weekly users**; **15+ REST APIs** cut request latency **50%**.
 - Sped up **OpenSearch** queries by **60%** and shipped real-time **OpenSearch + CloudWatch** dashboards (**30%** less debug time for other teams).
 - Automated CI/CD** on **AWS CDK + Jenkins** (**70%** faster deploys); mentored **3 engineers** on AWS patterns for a **20%** team throughput bump.
- Accenture** June 2021 – December 2022
Associate Software Engineer Pune, Maharashtra
- Built **15+ WCAG 2.1-compliant UI components** for **NatWest Bank (3M+ users)**; Dynamic Media Component cut page loads **35%**.
 - Led UI test automation across **20+ components**: manual QA down **50%**, coverage up **30%**, memory down **15%**.

PROJECTS

- AgentCustodian** | *AI-native compliance framework platform (Python, OpenAI GPT-4 function calling)* May 2026
- Platform for audit and compliance teams to define custom control frameworks in **plain English**; **5-pillar** architecture where AI agents auto-enforce policies and flag their own gaps.
 - Plug-in adapters for **2 industry frameworks** (NIST AI RMF, OWASP AI Top 10); copilot drafts policies, writes audit reports, and runs root-cause analysis on control failures.
- LazyUpdates** | *AI productivity automation system (Claude Agent SDK, Jira/Slack/Google APIs, launchd)* 2026
- Claude Code skill + launchd hub** with **16 options**: writes standup, Friday status, and manager 1:1 docs from a **second-brain** markdown log; generates weekly, monthly, and yearly reports.
 - 3 launchd automations** run unattended on a Tue/Fri cadence, wired into **Jira REST v3 (ADF)**, **Slack Web API**, **Google Docs API**, and Confluence; adopted by teammates.

EDUCATION

- Jabalpur Engineering College** Jul. 2017 – June 2021
Bachelor of Technology in Computer Science and Engineering Jabalpur, Madhya Pradesh

TECHNICAL SKILLS

Languages (7): Python, Java, Go, TypeScript, JavaScript, C++, SQL
Backend & Infra: Airflow, Spring Boot, Node.js, REST, gRPC, Microservices, Serverless (Lambda), Event-driven (SQS, EventBridge)
Cloud & DevOps: AWS (8 services: Lambda, Step Functions, API Gateway, S3, CDK, OpenSearch, IAM, CloudFormation), Docker, Terraform, GitHub Actions, Jenkins
Observability (5): Grafana, StatsD, Prometheus (PromQL), CloudWatch, OpenSearch
Data (4): DynamoDB, PostgreSQL, Redis, MongoDB
AI / ML: OpenAI API (function calling), Claude API + Agent SDK, LLM tool-use design, prompt caching
Security: GitHub App development, PAT/SLT auth, Semgrep, Snyk, Sockets.dev, TPRM / SecArch review workflow