

YASH CHHEDA

SOFTWARE ENGINEERING MANAGER | CLOUD NATIVE PLATFORM ENGINEERING

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SUMMARY

Engineering leader with 12+ years across cloud-native platform engineering, full-stack development, and fintech. I manage a **10-engineer** Cloud Native Platform Engineering team at Appian, owning the multi-account, multi-region Kubernetes and AWS fleet that runs Appian's internal and customer workloads under continuous FedRAMP, SOC 2, HIPAA, PCI DSS, and DoD IL5 audit. Served as one of the technical leads on the multi-year **Stratus** migration onto that platform. Promoted four times in six years, and still hands-on in Go, Terraform, and design review.

SKILLS

Leadership	Team Management (10 reports) • Hiring & Onboarding • Mentoring & Coaching • Agile / Scrum • Roadmap & Release Planning • Incident Command • Cloud Cost Optimization
Cloud, DevOps & SRE	AWS • Kubernetes • Docker • Terraform • Linux • Azure • AIOps • Observability • Infrastructure as Code • GitLab CI • Azure DevOps • Git
Languages	Go • Java • C# • SAIL (Appian) • SQL • Shell / Bash • JavaScript
Platforms	Appian • ASP.NET Core • Spring • REST APIs • Node.js • Vue.js • RabbitMQ
Databases	PostgreSQL • MS SQL Server • MySQL • MongoDB • Redis • SOQL
Compliance	FedRAMP Moderate & High • SOC 2 • HIPAA • PCI DSS • DoD IL5 • DoDIN APL • IRAP • Cyber Essentials Plus

EXPERIENCE

Appian Corporation

Oct 2019 – Present

McLean, VA | Remote from Minneapolis, MN since Jan 2026

Software Engineering Manager, Cloud Native Platform Engineering

Oct 2025 – Present

Technical delivery owner for a 10-engineer platform team accountable for **100+** Kubernetes clusters across **25+** AWS accounts and **25 AWS regions**, running both internal and customer workloads.

- Own hiring, performance management, compensation, and career development for the team, while staying active in architecture and design review.
- Drove AIOps-based automation of operational toil, cutting manual operational interventions **~35%** and reducing MTTR **~40%** – capacity returned directly to roadmap delivery.
- Own technical delivery across quarterly release cycles, from sprint planning to production rollout, with product, SRE, and security stakeholders.
- Set architecture direction for cloud-native infrastructure on Kubernetes and AWS, including upgrade paths and rollout safety across the fleet.
- Contribute to audit readiness across FedRAMP Moderate/High, SOC 2, HIPAA, PCI DSS, and DoD IL5 through platform and OS hardening (CIS Level 1 benchmarks) and control evidence.
- Lead cloud cost optimization across the fleet, delivering **~\$1M** in annual savings by tying capacity planning to growth forecasts rather than reactive scaling.

Technical Mentor, Software Development

Apr 2023 – Oct 2025

Technical lead, Agile squad coach, and mentor for the cloud platform team through the multi-year Stratus migration.

- Served as one of the technical leads on the **Stratus** cloud migration, moving customers off legacy infrastructure onto Kubernetes-native infrastructure – a multi-year program spanning multiple squads.
- Mentored **4 engineers** through weekly 1:1s focused on professional growth, and contributed to staffing, capacity planning, and onboarding across the platform organization.
- Served as Agile squad coach – sprint planning, estimation, reviews, and retrospectives – while remaining a hands-on contributor in Go and Terraform.
- Acted as escalation point for high-visibility production incidents, converting findings into automation and runbooks instead

of tribal knowledge.

- Raised the technical bar on Go, Terraform, and Kubernetes practice through design reviews, pairing, and documentation that shortened new-engineer ramp time.

Senior Product Engineer, Cloud Native Infrastructure

Sep 2021 – Mar 2023

- Built the Kubernetes-native foundation for the **Stratus** platform, growing adoption to cover the majority of all Appian customer deployments.
- Developed Kubernetes operator modules in **Go** and provisioned AWS infrastructure as code with **Terraform**.
- Built AWS integrations to provision secure, scalable customer Kubernetes sites, and extended the cloud operations dashboard into the single entry point for every activity on a customer cloud site.
- Root-caused production failures where customer deployments would not start; partnered with AWS support on a **kernel defect** that froze site volumes, leading to a fix on the AWS side.
- Designed, shipped, and documented Appian Web APIs, and led two engineers as secondary squad coach across sprint planning, estimation, reviews, and retrospectives.

Application Engineer → Senior Application Engineer, Business Applications

Oct 2019 – Sep 2021

- Architected and delivered customer applications end to end on the Appian low-code platform in SAIL, from requirements through design, development, testing, and maintenance.
- Cut a core business process from **28–30 minutes to 4–5 seconds** by refactoring legacy logic and process models.
- Designed and built the mission-critical Appian Certification program application.
- Replaced third-party plugins with equivalent in-product features written in Java, removing external dependencies, and developed Java-based availability checks for critical third-party integrations using Robotic Process Automation (RPA) bots.
- Built nightly synchronization processes between Appian and external systems including Salesforce and HRIS, and mentored new developers; received department Badge Awards for top performance and ticket resolution speed.

Ethos Lending LLC (acquired by One American Bank)

Dec 2016 – Oct 2019

Irvine, CA

Software Engineer

- Built the microservices architecture for a fintech lending platform: .NET Core 2.1 and C# 7 Web APIs, Vue.js and Razor front end, MS SQL Server, deployed as Azure App Service containers.
- Designed the Azure API Management gateway, routing external third-party traffic through an internal conversation logging proxy to backend services.
- Implemented OAuth 2.0 authorization via IdentityServer4, validating access tokens on every request entering the gateway, and delivered single sign-on across the application suite.
- Created CI/CD build and release pipelines from scratch for microservice deployment, managed containers with Docker Compose, and migrated an in-house queue implementation to RabbitMQ, decoupling services and improving throughput.
- Added test coverage with Coverlet, OpenAPI documentation via Swagger UI, and exception logging through Application Insights; integrated Entity Framework Core and LINQ to SQL for data access.
- Built Encompass SDK plugins to update loans, delivered an in-house eSign and document merge feature, and redesigned the Broker Portal UI.

EARLIER EXPERIENCE

- **Zagace Inc.** — Full Stack Web Developer, San Jose, CA (2016). SaaS ERP product on the Yii PHP framework with PostgreSQL and an AngularJS front end.
- **California State University, Fullerton** — Web Developer, Fullerton, CA (2015–2016). Departmental web applications in ASP.NET and C# with Better CMS.
- **CavIT Pvt. Ltd.** — Software Development Coordinator, Mumbai, India (2013–2014). Vacation booking portal in ASP.NET and VB.NET backed by MS SQL Server.

EDUCATION & CERTIFICATIONS

M.S. Computer Science — California State University, Fullerton

2016 • Fullerton, CA

B.E. Information Technology — University of Mumbai

2013 • Mumbai, India

Appian Certified Lead Developer (2021) • Appian Certified Senior Developer • C/C++ Certified Programmer