

HITESH PATWARI

LEAD ENGINEER | FULL-STACK, AI SYSTEMS & DEVELOPER PRODUCTIVITY

Fremont, CA | 408-823-6631 | hiteshpatwari@hotmail.com
[linkedin.com/in/hiteshpatwari](https://www.linkedin.com/in/hiteshpatwari) | github.com/hiteshpatwari

PROFESSIONAL SUMMARY

Hands-on lead engineer with 15+ years across enterprise SaaS, cybersecurity, developer platforms, and production AI delivery. Builds reliable LLM workflows and AI-agent engineering systems while driving data integrity, testability, architecture, and technical risk reviews across product teams.

TECHNICAL EXPERTISE

AI systems & developer productivity: GPT-5, Azure OpenAI, AWS Bedrock evaluation, Claude Code, agent workflows, evaluation harnesses, prompt engineering, structured extraction, guardrails

Full stack & data: React, TypeScript, JavaScript, Ruby on Rails, Node.js, REST APIs, MySQL, PostgreSQL, Elasticsearch, background jobs

Reliability & quality: concurrency, data integrity, deterministic testing, CI/CD, production debugging, New Relic, StatsD, code reviews

Leadership: cross-team design reviews, technical risk assessment, platform modernization, mentoring, roadmap feasibility

PROFESSIONAL EXPERIENCE

Coupa Software | Lead Engineer, Supply Chain Collaboration

2022-Present

- Engineered production LLM workflows for supplier emails and PDFs, including PO-aware prompting, configurable-field extraction, multi-PO handling, and outcome-based processing.
- Prevented silent data loss with structure-aware email boundaries and deterministic PO lock ordering for concurrent updates.
- Rebuilt an AI code-generation skill as a seven-stage, hook-enforced workflow; reduced instructions 92% from 1,374 to 110 lines and added 77 unit tests plus 19 evaluations.
- Built repeatable AI-agent evaluations with isolated headless Claude sessions, disposable worktrees, automated scoring, and safeguards for unintended changes and hangs.
- Built a production-parity Azure OpenAI-to-AWS Bedrock comparison harness with 18 validation checks, schema validation, and repeat-run consistency tests.
- Re-architected a complex order-confirmation UI into 10 independently testable React components, reducing main-component size 47%, cyclomatic complexity 53%, and raising coverage from 62% to 81%.
- Led a cross-team AI-release design review that identified high-priority implementation risks early and turned the findings into a structured, parallel delivery plan.

EARLIER PROFESSIONAL EXPERIENCE

Synack, Inc. | Senior Software Engineer II

Jan 2016-2022

- Led and mentored four engineers while partnering with product leaders on roadmap feasibility, technology upgrades, and delivery practices.
- Increased release cadence from weekly to twice weekly through improved pull-request practices, CI, and continuous testing; delivered web-platform components and API optimizations.

eBay, Inc. | Software Engineer II

Jun 2013-Jan 2016

- Built Montage database failover and switchover tooling, reducing recovery time by approximately 97% to under five minutes.
- Developed Jarvis real-time database health monitoring and received the eBay Exceptional Contribution award.

Symantec Corporation | Software Engineer Trainee

Jun 2012-May 2013

- Built Norton Anti-Theft and ID Safe features, password-strength checking, and Java/shell reporting tools.

RECOGNITION

eBay Exceptional Contribution (Montage & Jarvis); eBay Team Appreciation; Infosys On the Spot Award (FY 2010-11).

EDUCATION

M.S., Software Engineering | San Jose State University | 2013

B.E., Computer Science | SVCE, India | 2008