

Gaurav Patwardhan

Shipping AI-native products at Shell · MBA · US patent · 5+ years across product, NPI, and architecture
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WORK EXPERIENCE

Shell

Bengaluru, KA

Emerging Architect, Subsurface & Wells Architecture

Dec 2025 - Present

- Built a two-stage Claude agent for Shell's 22 legacy Petrel plugins, compressing the annual SDK upgrade cycle from 6–8 sprints to 4–5 days per plugin (~95% reduction); POC validated, approved to scale to 5 more plugins.
- Owned product discovery across the 22-plugin estate through dev shadowing and plugin-owner interviews, winning architecture-team approval for the agent-led approach.
- Defined and led a Python-native replacement for TIBCO OpenSpirit (Shell's subsurface data broker), cutting 4 middleware hops to 1, removing Java and vendor dependencies, and unlocking 4 new data sources; first OpenWorks integration ships in 2 weeks.
- Drove product discovery with 4 architecture and product stakeholders, wrote product principles for the platform (provenance, uncertainty flagging, no silent unit or coordinate conversions), and directed the Claude-built MVP.

Associate IDT Advisor (Product Management), EV Charging Operations

May 2024 - Dec 2025

- Designed and shipped Alert Grouping & Prioritization, cutting operator alert volume by ~80% (from 100–200 per page to 20–25), scoped from 5 charge-point operator interviews.
- Onboarded Switzerland and Singapore markets onto EVEC from kickoff to live operations in 2025; ran demos, gathered requirements, drove production root cause analyses (RCAs), and rolled out Autoheal.
- Acted as EVEC's product manager for 2–3 months cumulative in 2025, covering sprint planning, roadmap updates, stakeholder management, and the eventual handover to the incoming PM.
- Ran structured discovery across 15+ market operators, product owners, and IDT managers, plus competitive benchmarking of 3 EV-charging products; surfaced 5+ new features and 10+ product backlog items (PBIs) added to the 2025 roadmap.
- Validated Autoheal's business case, compressing fault-resolution turnaround time from 900 minutes to 36 minutes for recurring faults, and shipped a Power BI + Databricks alert-analysis dashboard adopted by GB-market stakeholders.

Eaton

Pune, MH

Associate Engineer

Aug 2018 - Sept 2021

- Pitched and led Agile delivery of 2 new product introductions in North America for Eaton's overhead-switch line (\$1M and \$3M projected revenue), securing Decision Gate Committee approval as Project Manager.
- Directed a 5-member cross-functional team through market research and competitive benchmarking to identify 10 customer-critical (CTQ) features and shape a new overhead-switch product line.
- Reduced prototyping and validation turnaround time by 30% using DMAIC (Lean Six Sigma) and simulation-first approaches; co-developed go-to-market strategy with Product Owners for disconnect-switch and overhead-switch portfolios.
- Co-invented bypass switching technology (US patent US20210143728A1) and recognized with 2× E-Star Awards for the on-time disconnect-switch launch and contribution to Eaton's patent portfolio.

EDUCATION

SBM, NMIMS Mumbai

Mumbai, MH

Master of Business Administration. CGPA - 3.21

Graduation: 2024

Walchand College of Engineering, Sangli

Sangli, MH

B.Tech (Mechanical). CGPA - 8.12

Graduation: 2018

INTERNSHIPS

IDFC First Bank (2023): Led digital journey mapping for internal teams, surfacing 10+ stakeholder pain points and streamlining vendor onboarding to deliver a 20% turnaround-time reduction

FinRight (2023): Shipped a credit card recommendation product for FinRight's advisory platform, benchmarking 300+ cards and writing PRDs and wireframe mocks for the launched recommendation engine.

LEADERSHIP AND EXTRA CURRICULAR

Core member, Shell Inclusion Accelerator (SIA) and Shell LGBTQIA+ Network: Contributed to accessibility and DE&I programming across Shell India.

Student Placement Coordinator (2023): Fostered relations, negotiations & engagements with 100 key recruiters, NMIMS Mumbai. Led a 90+ member team to strategize & execute campus placements of 1500+ students.

SKILLS

- **Product:** Product strategy, roadmapping, discovery, PRD writing, sprint planning, stakeholder management, JTBD, RICE prioritization, GTM
- **AI / Technical:** Agent design (instruction-driven, skills), MCP (Model Context Protocol), prompt engineering, Claude Code, Python, SQL, REST APIs, Power BI, Databricks

AWARDS / RECOGNITIONS

- **Shell Special Recognition Award:** EVEC product delivery, 2025
- **Microsoft PM Engage Case Competition, Runner-up (2022):** Awarded Pre-Placement Interview with Microsoft