

HIRANYEY GAJBHIYE

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Work Experience

Enparadigm Senior Software Engineer

Oct 2023 - Present

- Independently migrated core workloads from **EC2 to EKS**, adding **ArgoCD-based deployments**, observability, and developer tooling; **cut EC2 cloud spend by 20%**.
- Built and launched an **internal data pipeline platform** for ad hoc analytics and client reporting, saving product, operations, and engineering teams **20+ hours/week** in manual data-request effort.
- Designed and implemented **Casbin-based RBAC** across the admin ecosystem, replacing a legacy role-management system and **improving access-control stability**.
- Built a **real-time AI conversation agent** with **provider fallbacks**, improving reliability and engagement.
- Developed an **AI diagnostics simulation** adopted by colleges as a qualifying assessment for **product and sales interviews, streamlining early-stage hiring**.
- Integrated **SAML and OIDC authentication** for enterprise clients, enabling onboarding for **Amity, Tata, Amara Raja, Infosys**.
- Implemented highly available **adaptive-bitrate video streaming**, replacing the YouTube-based flow and improving **playback reliability**.

Basis Software Engineer

July 2021 - Oct 2023

- **Led backend implementation, deployment**, and frontend integration for key product features serving 100k+ users across AWS, Node.js, Express.js, MongoDB, and Redis.
- **Led prepaid-card backend rollout in 4 months, contributing to ₹1.4Cr in GTV**.
- Built spam and scam detection using Bureau APIs, **declining or deactivating 11,000 suspicious users**.
- Integrated SafeGold APIs for gold cashback, **adopted by 10% of prepaid-card users on launch day**.

TIBCO Software Engineer

Sept 2019 - July 2021

- Migrated enterprise customers to **OpenJDK 11**, reducing licensing costs by up to **\$1M** for major customers.
- Built **visual diff and merge capabilities**, improving **developer productivity** and product competitiveness.
- Developed a **templating engine** and **extensible custom-icon support** to speed up workflow creation.

NVIDIA Intern

July 2018 - Dec 2018

- Built **GPU power-measurement benchmarking workflows** using Python, Pandas, NumPy, Matplotlib
 - Reduced **power-measurement variance** from **6–10% to under 1%** by optimizing workloads
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Personal Projects

[Hisaab](#) - Personal finance manager with financial-health insights, account tracking, and reporting views.

[Hacker News in New tab](#) - Chrome extension that replaces the browser new tab with Hacker News articles.

Skills: Node.js, Python, FastAPI, SvelteKit, Pydantic AI, PostgreSQL, Redis, AWS, Kubernetes, ArgoCD, SAML, OIDC, Casbin

Education

Vishwakarma Institute of Technology, Pune - B.Tech, Computer Science(2015–2019) **CGPA: 8.22**