Sumitesh Naithani

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Summary

Software engineer with 5 years of experience building data-intensive web applications and internal tools, with experience in Web3 and AI. Interested in backend systems, developer productivity, and shipping reliable features with measurable impact.

Experience

Publicis Sapient   **June 2021–Present**
Associate Software Development Engineer I → Senior Product Engineer   *Bengaluru (India)*

- **June 2021–July 2022 (Associate Software Development Engineer I):** Worked with the Engineering Centre of Excellence (CoE) team, building Web3 proofs of concept including a cross-chain NFT marketplace with gasless onboarding (GSN) and support for both custom ERC20 and native-token payments.

- **July 2022–August 2023 (Associate Software Development Engineer II):** Continued working with the Engineering Centre of Excellence (CoE) team; built a DID mobile app to securely share employees' verifiable credentials and developed a C++ Unreal Engine plugin enabling AI-driven NPC conversations for a banking metaverse experience.

- **August 2023–Nov 2025 (Software Development Engineer I):** Contributed to the in-house PSChat app and led the API team for CoreAI, delivering enterprise authentication, LLM, and AI Agents APIs adopted by multiple teams to build client-facing products and used directly by internal employees.

- **Nov 2025–Present (Senior Product Engineer):** Leading the AI Agents (RL) and observability platform initiatives, improving agent evaluation/monitoring and building usage analytics to measure adoption and engagement across internal teams and clients.

Projects

Pahadi AI (Released Dec 2025) — initiative to preserve underrepresented/endangered languages of Uttarakhand

- Building an AI-driven platform to document, digitize, and promote local languages through community contributions and language resources; powers pahadi.ai with custom open-source STT, TTS, and LLM models trained on self-curated Garhwali datasets; recognized by the Government of Uttarakhand and supported by HNB Garhwal University (linguistic expertise) and NIT Uttarakhand (research expertise).

- Open-sourced a Garhwali tokenizer (gbm-tokenizer.vercel.app) for the community; state-of-the-art tokenization for Garhwali language text.

- Reached ~2,000 monthly active users.

Education

NIT Uttarakhand   **2017–2021**
B.Tech in Electronics and Communication Engineering
- Coursework: Algorithms, Databases, Operating Systems, Computer Networks.

Skills

Backend: TypeScript, Node.js
Data: Python, Postgres, Redis
AI/ML: Production LLM fine-tuning, AI agents (RL)
Web3: Solidity, smart contracts; Ethereum, Polygon; DID (Decentralized Identifiers)
Strengths: System design, API design, performance tuning, mentoring, cross-functional collaboration