

ABHI PRAJAPATI

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EXPERIENCE

Software Development Engineer

Aug. 2024 – Present

Lampros Tech Labs

Ahmedabad, GJ

- Contributed to a portfolio of products that collectively secured \$100K+ in grants and funding; built developer education platforms including Speedrun Stylus, XCan, and NSkills that onboarded 1000+ students and developers
- Owned end-to-end feature development while learning server hosting, AWS, and practical AI workflows for day-to-day engineering.

SDE Intern

Feb. 2024 – Aug. 2024

Lampros Tech Labs

Ahmedabad, GJ

- Built a strong foundation in blockchain concepts, including Ethereum, Layer 2 networks such as Arbitrum, and their role in scalable Web3 applications.
- Worked on Web3 projects involving wallet and smart contract integration, and learned to use subgraphs and APIs to fetch on-chain and external service data into dApps.
- Contributed to projects like Tronique and Pravahini, exploring AI/ML use cases such as RAG over Tron blockchain data and dHash-based similarity matching for uploaded datasets.

Undergraduate Research Intern

June 2023 – Aug. 2023

Pandit Deendayal Energy University

Gandhinagar, GJ

- Gained hands-on experience with machine learning workflows while exploring deep learning approaches for inverse design of photonic metasurfaces.
- Learned to build, train, and evaluate neural network models using TensorFlow and Keras, while working with data preprocessing and early-stage deployment concepts.

TECHNICAL SKILLS

Generative AI & NLP: RAG, LangChain, LlamaIndex, Prompt Engineering, Pinecone

Agentic AI: MCP tool integration, agent harnesses (Claude Code, OpenCode, Droid), multi-model workflows (Claude, GPT, GLM, Kimi, MiniMax), custom skill development, tool use & multi-turn reasoning

Computer Vision & OCR: Tesseract, ScribeJS, document extraction pipelines

Speech: Whisper STT (local, voice-first dev workflow)

ML: TensorFlow, Keras, Scikit-learn, dHash

Languages: Python, JavaScript, TypeScript

Web & Backend: ReactJS, NextJS, FastAPI, Flask, NodeJS, ExpressJS, MongoDB, Firebase, NeonDB

Web3: Ethers.js, Wallet Integration, Smart Contracts, Subgraphs

Tools/Cloud: Git, Linux, Docker, AWS, Google Cloud Platform

PROJECTS

Maxxit | *AI Accounting, TallyPrime, WhatsApp, Electron, MCP*

[Live](#) | [GitHub](#)

- Built production OCR pipelines (Tesseract via ScribeJS) extracting structured data from unstructured financial documents for TallyPrime accounting automation; engineered WhatsApp bookkeeping flows and custom MCP tooling for TallyPrime XML integration.

Speedrun Stylus | *Arbitrum Stylus, Next.js, Web3 Education*

[Live](#) | [GitHub](#)

- Built a structured learning path to onboard developers to Arbitrum Stylus with practical modules and guided exercises; integrated Pinecone vector search to score GitHub submissions and rank them on a live leaderboard.

XCan & NSkills | *Arbitrum Developer Education, Web3 Onboarding*

[XCan](#) | [NSkills](#)

- Built developer onboarding platforms in collaboration with Arbitrum to bring college students and Web2 developers into Web3 via curated learning tracks, quizzes, project-based modules, and an AI-assisted visual foundation builder.

EDUCATION

Pandit Deendayal Energy University

B.Tech in Information and Communication Technology

Gandhinagar, GJ

Aug. 2020 – May 2024