# 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.
- **Maxxit** | *AI Accounting, TallyPrime, WhatsApp, Electron, MCP* Live | GitHub
  Built production OCR pipelines with Tesseract via ScribeJS to extract structured data from financial documents; engineered WhatsApp bookkeeping flows and custom MCP tooling for TallyPrime XML integration.
- **Speedrun Stylus** | *Arbitrum Stylus, Next.js* Live | GitHub
  Built a structured developer learning path 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* XCan | NSkills
  Built developer onboarding platforms in collaboration with Arbitrum, using curated learning tracks, quizzes, project-based modules, and an AI-assisted visual foundation builder.

**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**: RAG, LangChain, LlamaIndex, Prompt Engineering, Pinecone
**Agentic AI**: MCP tool integration, agent harnesses (Claude Code, OpenCode, Pi, Droid), multi-model workflows, custom skill development
**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, PostgreSQL, Firebase (Authentication, Firestore)
**Web3**: Ethers.js, Wallet Integration, Smart Contracts, Subgraphs
**Tools/Cloud**: Git, Linux, Docker, AWS (IAM, EC2, S3, Bedrock, Systems Manager)

## Education

**Pandit Deendayal Energy University** Gandhinagar, GJ
*B.Tech in Information and Communication Technology* *Aug. 2020 – May 2024*