

# Hetav Shah

hetav.dev

github.com/Hetav21

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## EDUCATION

### Adani University

Computer Science Engineering – 8.50 CGPA

Ahmedabad, Gujarat, India

2022 – 2026

### Senior School Certificate Examination

New Tulip International School – 92.2%

Ahmedabad, Gujarat, India

2022

### Secondary School Examination

Udgam School for Children – 93.2%

Ahmedabad, Gujarat, India

2020

## CERTIFICATIONS

### Introduction to Model Context Protocol & Advanced Topics

Dec 2025

issued by Anthropic

### AWS Academy Graduate - AWS Academy Cloud Developing

Nov 2024

issued by Amazon Web Services Training and Certification

### Web Developer Bootcamp

Apr 2023

issued by Udemy instructed by Colt Steele

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Python

**AI:** LLMs, Open-Source LLMs, Vector Databases & Embeddings, Agentic RAG, MCP, Agentic AI

**Frameworks:** React, NextJS, ElectronJS, ExpressJS, HonoJS, TailwindCSS, Zod, Shadcn-UI, OpenAI SDK, OpenAI Agents SDK

**Developer Tools:** Git, Postman, Bruno, AWS, Cloudflare, Linux, npm, bun, pip, uv, Docker

## INTERNSHIP

### ProductSquads | LLMs, Vector Databases, Agentic RAG, MCP, Agentic AI

Ongoing

AI Intern

- Won Jury Special Award in Praveg × ProductSquads Codeathon for developing an Intelligent Document Processing Agent.
- Architected a VLM-driven extraction pipeline using Qwen3-VL to parse complex hierarchical tables from financial PDFs with >90% accuracy.
- Engineered a serverless document processing agent on AWS Lambda using Vision LLMs for automated OCR, classification and metadata.

### Meru Fintech | ElectronJS, Microservices, gRPC, TypeScript, React, TailwindCSS

8 Weeks

Full Stack Intern

- Engineered a full-stack Tally integration solution with a desktop application and backend microservice, solving Tally's lack of a cloud-based API for hellobooks.ai.
- Architected a custom OAuth2-like authentication framework with PKCE to ensure secure communication between the web, desktop client, and backend services.
- Managed the full software development lifecycle for the desktop application, including establishing a CI/CD pipeline and building advanced CLI tools for dynamic configuration, logging, and performance optimization .

### iAnanya datalytix | TypeScript, AI Sdk, HonoJS, ReactJS, TailwindCSS, Cloudflare

6 Weeks

Software Engineer Intern

- Developed a collaborative project management dashboard with a simple frontend and backend hosted on Cloudflare Workers, streamlining task management for internal teams.
- Designed and implemented a secure authentication system with role-based access control and a custom AI chatbot to enhance user experience and workflow efficiency.

## PROJECTS

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### **QnA Social – Ask Questions Anonymously** | *TypeScript, NextJS, AI Sdk, TailwindCSS*

Deployment: <https://qna.hetav.dev/>

GitHub: <https://github.com/Hetav21/QnA-app>

- Developed a full-stack anonymous questioning platform with AI-powered question suggestions, enabling users to receive and manage anonymous messages.
- Implemented a public profile system, robust user authentication with email verification and google oauth support, and a comprehensive dashboard for message management.

### **Clickify – URL Shortener with Analytics** | *TypeScript, ReactJS, Docker*

Deployment: <https://clickify.hetav.dev/>

GitHub: <https://github.com/Hetav21/clickify>

- Built a full-stack URL shortener with a comprehensive analytics dashboard that tracks clicks and user device information.
- Developed a backend with custom URL generation and a secure authentication system, leveraging Docker to simplify the development workflow.

### **Classroom Desktop – Google Classroom on Desktop** | *TypeScript, ElectronJS, Yargs, logging*

GitHub: <https://github.com/Hetav21/classroom-desktop>

- Developed a cross-platform desktop application that provides an enhanced Google Classroom experience, featuring a command-line interface for flexible configuration and deployment.
- Implemented an advanced logging and configuration management system that supports environment-based settings, file rotation, and dynamic flag handling to ensure robust and debuggable production deployments.