

Piyush Satiya

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EDUCATION

Indian Institute of Information Technology, Vadodara

B.Tech in Computer Science and Engineering

Aug 2024 – May 2028

Current CGPA: 7.94/10.0

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C++, C

Web Technologies: React, Node.js, Express.js, Next.js, WebSockets, REST APIs

Tools & Databases: Git, MongoDB, Cloudinary, Multer, JWT, Clerk Auth

Currently Learning: Computer Networks, Machine Learning, Probability and Statistics

EXPERIENCE

Software Development Intern – Enest

Dec 2025 – Present

Full Stack (Backend, Frontend, Admin Panel)

- Refactored authentication system (forgot-password, token validation, standardized API responses) across multiple backend controllers
- Implemented server-side pagination for 15+ modules and corresponding admin dashboards improving scalability and data handling
- Designed and integrated payment workflow for Immersion Program applications including order creation, verification and status tracking
- Built complete Immersion module (applications, cohorts, mentors, universities) with schema-driven admin forms and dynamic tables
- Contributed to Next.js frontend including multi-step forms, payment integration, auth UI redesign and performance fixes

PROJECTS

ChatFlow (Real-Time Messaging Platform) | *MERN, WebSockets, Cloudinary*

GitHub | Live

- Built full-stack real-time chat app using Socket.io with JWT authentication and MongoDB message persistence
- Integrated media upload pipeline using Cloudinary with compression
- Designed responsive React frontend with secure session handling

Easynary (AI Media SaaS) | *Next.js, TypeScript, Cloudinary AI*

GitHub | Live

- Built SaaS platform for automated media transformation using Cloudinary AI APIs
- Implemented platform-specific optimization logic with dynamic resizing and format adaptation
- Designed modular SSR architecture for performance and SEO

VideoTube Backend (Video Platform API) | *Node.js, Express, MongoDB*

GitHub

- Architected RESTful backend with modular MVC structure for videos, playlists and user management
- Implemented secure file upload and media storage pipeline using Multer and Cloudinary
- Designed custom authentication middleware and centralized error handling

ADDITIONAL WORK

Stock Price Predictor: Built time-series forecasting model using fbprophet and yfinance API to analyze historical stock data and generate price predictions with interactive Plotly visualizations

CS50P Certification: Completed Harvard's CS50P covering Python fundamentals, OOP, file I/O, unit testing, and regular expressions (Certificate)

RELEVANT COURSEWORK

Database Management System & Computer Organization and Architecture, System softwares