

SHIVEN PATRO

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[Portfolio](#)

[GitHub](#)

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[GoogleCloudLearn](#)

Education

Vellore Institute of Technology, Amaravati

August 2023 – Present

Bachelor of Technology in Computer Science and Engineering

(CGPA - 8.5)

Saraswati Vidya Mandir, Berhampur

May 2022

CHSE, Science

(Percentage - 83%) (Percentile-92.3%)

St. Vincent's Convent School, Berhampur

May 2020

ICSE

(Percentage - 95.8%)

Experience

Software Engineer Intern, Cordly AI

Remote, June 2025 – Present

- Spearheaded development of the **healthcare** vertical, managing SDLC from client intake to deployment.
- Translated client needs into technical specifications, deploying **10+ features** as a key technical contact.
- Resolved **30+ full-stack bugs** and optimized DB queries, cutting API response time by **40%**.

Open Source Contributor, (SSoC) – Season 4 [\[Badge\]](#)

Remote, June 2025 – Present

- Advanced open-source projects like **Bolt.DIY** by shipping **5+ features** and resolving **15+ critical bugs**.
- Authored and merged **20+ pull requests** on GitHub, ensuring high code quality through active peer review.

Data Science Intern, Zidio Development [\[Offer Letter\]](#)

Bengaluru, Karnataka, May 2025 – Present

- Extracted actionable insights from **10,000+** customer reviews using **NLP** to identify key user pain points.
- Built a feedback classifier (**92% accuracy**) with scikit-learn & NLTK, reducing manual effort by **75%**.
- Presented **Seaborn**-based insights that led to **3** prioritized product features.

Projects

IntelliApply

April 2025

React, TypeScript, Python, FastAPI, PostgreSQL, scikit-learn, Eden AI, Docker, Vite

[Website](#)

- Built a full-stack AI job platform using NLP/ML to match candidate profiles with relevant job descriptions.
- Engineered a resume parser (**Eden AI**, 30+ skills) and a TF-IDF job matcher (**scikit-learn**, top 50 jobs).

Hash Chat

March 2025

Solidity, React.js, Next.js, Ethers.js, Hardhat, MetaMask API

[Website](#)

- Architected a decentralized Ethereum dApp for high-speed messaging (**100+ msg/sec**) and scalable storage.
- Achieved **75%** gas savings and **93%** message reliability through optimized smart contract interactions.

Stock Market Time Series Analysis & Forecasting

February 2025

Python, Pandas, NumPy, Matplotlib, statsmodels, scikit-learn

[Website](#)

- Developed **ARIMA** model to forecast **AAPL** stock using **10+ years** of data; achieved **RMSE of 3.85**.
- Visualized **RMSE** & **AIC** with **Matplotlib** to deliver insights for strategic reports in an **Agile** setup.

Achievements/Certifications

Top 8 Finalist – Technova National Hackathon: Key contributor to the Hash Chat project.

2025

Google Foundations: Data, Data Everywhere

[Certificate](#)

Udemy Complete 2024 Web Development Bootcamp

[Certificate](#)

Nvidia: Accelerating End-to-End Data Science Workflows

[Certificate](#)

IBM: Fundamentals of AI Agents Using RAG and LangChain

[Certificate](#)

Technical Skills

Languages: Python, Java, JavaScript, TypeScript, HTML5, CSS3, SQL, R, Solidity, C++, C, Bash

Full-Stack Dev: **Frontend:** React.js, Next.js, TailwindCSS, Vite, Vue.js, Three.js, Redux, Bootstrap; **Backend:** Node.js, Express.js, FastAPI, Flask, REST APIs, GraphQL, Render; **Databases:** PostgreSQL, MongoDB, SQLite, MySQL, Firebase

AI/ML & Data Science: scikit-learn, Pandas, NumPy, spaCy, Matplotlib, Seaborn, XGBoost, SHAP, NLTK, OpenCV

LLM/GenAI: OpenAI API, Gemini API, n8n, RAG, Vertex AI, **Hugging Face**, **Transformers**, LangChain, Fine-Tuning, Prompt Engineering

Web3/Blockchain: Solidity, Ethers.js, Hardhat, MetaMask API

Cloud & DevOps: Docker, Git, GitHub Actions, GCP, AWS, Azure, Streamlit

Tools/Other: Postman, Figma, VS Code, Jupyter, Adobe Photoshop, Adobe Premier Pro, Davinci Resolve