SHIVEN PATRO

Phone   Portfolio   GitHub   Email   LinkedIn

Education

Vellore Institute of Technology, Amaravati   **August 2023 – Present**
Bachelor of Technology in Computer Science and Engineering (CGPA - 8.5)   *Amaravati, Andhra Pradesh*

Saraswati Vidya Mandir, Berhampur   **May 2022**
CHSE, Science (Percentage - 83%) (Percentile-92.3%)   *Berhampur, Odisha*

St. Vincent's Convent School, Berhampur   **May 2020**
ICSE (Percentage - 95.8%)   *Berhampur, Odisha*

Experience

Cordly AI   **June 2025 – Present**
Software Engineer Intern   *Remote*
- Spearheaded development of the **healthcare** vertical, managing the full SDLC from client intake to deployment.
- Translated client needs into technical specifications, deploying **10+ requested features** as a key technical contact.
- Resolved **30+ full-stack bugs** (React, Node.js) and optimized DB queries, cutting API response time by **40%**.

Social Summer of Code (SSoC) – Season 4   **June 2025 – Present**
Open Source Contributor [Badge]   *Remote*
- 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.

Zidio Development   **May 2025 – Present**
Data Science Intern [Offer Letter]   *Bengaluru, Karnataka*
- Engineered an **ARIMA** time-series model on **10+ years** of AAPL data, achieving an **RMSE of 3.85** with Python.
- Collaborated in an **Agile** environment, joining daily stand-ups and sprints to ensure on-time project delivery.
- Delivered actionable insights by visualizing model metrics (RMSE, AIC) with **Matplotlib** for strategic reports.

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-throughput messaging (**100+ msg/sec**) and scalable storage.
- Achieved **75%** gas savings and **93%** message reliability through optimized smart contract interactions.

Wine Quality Prediction   **February 2025**
Python, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, Imblearn   **GitHub**
- Deployed a Gradient Boosting model to predict wine quality, achieving **87% accuracy** and a **0.83 F1-score**.
- Corrected **64% class imbalance** with SMOTE to boost model recall from **0.71 to 0.85**.

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, Express.js, Three.js, Redux, Bootstrap; *Backend:* **Node.js**, Express.js, FastAPI, Flask, REST APIs, GraphQL; *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, Transformers, RAG, Claude API, Vertex AI, Groq API, **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