

PIYUSH

+91 9717704058 |  piyushrathorecodes@gmail.com | [Portfolio](#) | [Linkedin](#) | [Github](#)

Education

Maharaja Agrasen Institute Of Technology (New Delhi)

Bachelor Of Technology in Computer Science with specialization in AIML | Graduation Year : 2028 | CGPA: **7.4** (till 3rd Semester)

Relevant coursework:

Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Machine Learning

Technical Skills

- **Languages & DSA:** Python, Java (DSA), JavaScript, TypeScript, SQL
- **Systems & Architecture:** RESTful APIs, Microservices, Backend Architecture, Database Schema Design
- **Web & Backend:** Node.js, Express.js, React.js, Next.js, Flask, React Native
- **Databases & ORM:** PostgreSQL, MongoDB, Redis,
- **Cloud & Tools:** Google Cloud Platform, Git, GitHub
- **AI/ML & Automation:** TensorFlow, Scikit-learn, OpenCV, LangChain, RAG, Vector DBs (FAISS, ChromaDB)

Experience

Co-Founder & CTO — Evoc Labs (Early-Stage Startup) | (Dec 2025 — Currently working)

- Led development of a scalable multi-tenant e-commerce SaaS platform, owning system design and backend infrastructure
- Built async backend systems (Redis, BullMQ) and integrated logistics APIs for automated order processing

Software Developer Intern — Oriental Solutions Pvt. Ltd. | (Dec 2025 — Jan 2026)

- Developed and enhanced full-stack web features across frontend and backend, improving application performance and usability
- Built AI-driven bots and Python automation scripts to streamline workflows and reduce manual effort

Full Stack Web Developer Intern — TheBookShelves | (Jul 2025 — Oct 2025)

- Designed and developed scalable RESTful APIs using Node.js and Express, enabling efficient and secure data handling with MongoDB
- Optimized React.js components and engineered complex MongoDB schemas and aggregation pipelines for high-performance application features

Hackathon Experience — National & College Level | (2024 — Present)

- Secured **Top 4** and **Top 10** positions by delivering functional MVPs in Healthcare and LegalTech within 48-hour hackathon sprints.
- Integrated third-party APIs and ML models while collaborating in rapid product development teams.

Projects

Credit Risk Prediction System | [LINK](#) | Tech: Python, Scikit-learn, Pandas, NumPy

- Built ML model achieving 85% accuracy using Extra Trees Classifier with multi-model comparison and ROC/AUC analysis
- Deployed production system with Streamlit featuring real-time risk scoring and explainable feature importance using Python and Scikit-learn

Power Line Fault Detection System | [LINK](#) | Tech: TensorFlow.js, MERN, WebSockets

- Architected real-time AI fault detection system for power transmission lines using TensorFlow.js with live monitoring dashboard and predictive maintenance engine
- Developed computer vision pipeline with browser-based deep learning models for automated fault detection, real-time alert generation, and WebSocket-powered data streaming

LR21 Web3 Trading & Analytics Platform | [LINK](#) | Node.js, React, Web3.js, BNB Chain

- Developed production Web3 platform with AI trading bot, real-time market analytics, and BNB Smart Chain integration
- Built full-stack crypto trading system with live price feeds, automated strategies, NFT marketplace, and DAO governance

Certifications

- Big Data 101 (By IBM SkillsBuild) :- [LINK](#)
- Data Analysis With Python (By IBM SkillsBuild) :- [LINK](#)
- Kaggle Python coder Badge :- [LINK](#) | Kaggle Competition participant (ranked 1400/3433, top 41%)