

MAITHIL HRUSHIKESH PATIL

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Education

St. John College of Engineering and Management

B.Tech in Computer Science and Engineering (Data Science)

Aug 2024 – May 2028

Palghar, Maharashtra

Relevant Coursework

- Data Fundamentals
- Getting Started with Data
- DBMS
- Python
- C++
- Java

Experience

Student Developer

Hackathon Participant (Minithon, Techthon, Trae AI Hackathon)

Ongoing

Mumbai, India

- Participated in multiple hackathons focused on data-driven applications and AI problem-solving.
- Worked collaboratively in teams to design, prototype, and present innovative digital solutions.
- Gained hands-on experience with rapid prototyping, deployment, and cloud integration.

Projects

CurioCity — Location Discovery Mobile App | *React Native, Expo*

github.com/Chronos778/CurioCity

- Developed a mobile app for discovering comprehensive location-based information such as restaurants, attractions, and services.
- Integrated real-time data APIs to display local news, accommodation, and tourist spots in an interactive UI.
- Designed for performance, offline use, and location auto-detection to enhance user experience.

Advanced Data Visualization Playground | *React, Plotly, Pandas, AI* **github.com/Chronos778/advanced-data-visualization**

- Built a web-based data visualization platform with a drag-and-drop interface for analysis and transformation.
- Integrated AI-powered insights and multi-format export capabilities for enhanced analytics workflows.
- Focused on user-friendly design, dynamic chart rendering, and modern front-end architecture.

EcoGuard ML — Ecological Monitoring System | *Python, TensorFlow, Flask* **github.com/Chronos778/EcoGuard-ML**

- Developed a machine learning-based system for monitoring and predicting ecological patterns.
- Replaced static formula-based models with adaptive algorithms to assess conservation risks.
- Enabled actionable insights for wildlife population changes and environmental sustainability.

Quotes API | *Node.js, Express.js, REST, Vercel*

github.com/Chronos778/quotes_api

- Created a REST API serving 5000+ inspirational and educational quotes from historical figures.
- Implemented with Express.js and deployed on Vercel for public accessibility and scalability.
- Optimized endpoints for fast, reliable quote retrieval in client applications.

LifeTrack — Personal Health Record Management System | *React, Flask, Python* **github.com/Chronos778/LifeTrack**

- Developed a modern AI-powered web application for managing and visualizing personal health records.
- Built with React and Flask to ensure a seamless, secure, and efficient user experience.
- Focused on data-driven health tracking and intelligent insights for daily improvement.

Technical Skills

Languages: Java, Python, C, C++

Frameworks/Technologies: TensorFlow, Flask, React, Express.js, CROS

Developer Tools: Git, VS Code

Operating Systems: Linux (Arch, Omarchy), Windows

Leadership / Extracurricular

Group Projects

Ongoing

Team Lead

St. John College of Engineering

- Assumed leadership role in multiple collaborative projects, managing development and integration tasks.
- Encouraged efficient communication, version control usage, and shared accountability among members.