

Varun Girish Deshmukh

Pune | varun.deshmukh2004@gmail.com | 9022477340 | <https://varun08032004.github.io>
<https://www.linkedin.com/in/varun-deshmukh03082004> | <https://github.com/varun08032004>

Education

Pimpri Chinchwad College Of Engineering , B.Tech in Computer Engineering	Nov 2022 – July 2026
• CGPA: 6.2	
Matoshri Asarabai Darade Junior College , Eklahare , Nashik	Aug 2020 – Feb 2022
• Percentage: 71.33	
Nashik Cambridge CBSE School , Nashik	Jun 2010 – Mar 2020
• Percentage: 90.6	

Technologies

Languages: Java, SQL , React.js

Blockchain Technologies: Solidity, Ethereum, Web3.js, Smart Contracts, Tokenomics, Crypto Transactions

Big Data and Analytics: Hadoop, Apache Spark, KNIME Analytics, Power BI, MS Excel

ETL and MDM: ETL and MDM Tools, Data Integration and Cleansing, Workflow Automation

Development Tools and IDEs: VS Code, Remix IDE

Experience

Data Engineer and Analyst Intern , Chain-Sys - Panji , Goa	Jun 2024 – Aug 2024
• Trained in ETL (Extract, Transform, Load) processes, Master Data Management (MDM), and dashboard development.	
• Optimized data pipelines boosting ETL efficiency for faster data extraction, transformation, and loading.	
• Worked on data cleansing, transformation, and integration to improve accuracy and consistency across multiple datasets.	
• Designed and developed 10+ interactive dashboards using BI tools, enabling real-time data visualization and reporting.	
• Gained exposure to workflow automation, metadata management, and database performance tuning.	
• Collaborated with mentors to understand best practices in data governance and enterprise data management.	

Projects

Ethertrack (github.com/varun03082004/ethertrack)

- Built Ethertrack, an Ethereum-powered blockchain solution for real-time carbon tracking and secure carbon trading, making transactions trustless and transparent.
- Implemented smart contracts to automate carbon credit verification, issuance, and trading, ensuring transparency and eliminating fraud.
- Reduces reliance on intermediaries, lowering transaction costs and making carbon trading more efficient and accessible.
- Provides real-time market insights, helping companies and policymakers make data-driven decisions for carbon credit investments.
- Addresses challenges in India's emerging carbon market, such as lack of transparency, regulatory inefficiencies, and double counting of credits.
- Supports India's sustainability goals by fostering compliance with carbon regulations and promoting a decentralized, trust-based carbon economy.
- Tools and Technologies Used: Ethereum, Solidity, Web3.js, React.js, Node.js, Express.js, TradingView API, MongoDB, IPFS.