

Education

Fr. Conceicao Rodrigues College of Engineering, Bandra	Nov 2022 – June 2025
B.E. in Artificial Intelligence and Data Science	
Bhausaheb Varak Polytechnic	July 2019 – May 2022
Diploma in Computer Engineering	
St. Ann’s Millennium English Medium School	June 2018 – March 2019
SSC/10th Standard	

Technical Skills

- **Programming:** Python (Django), JavaScript, HTML5, CSS3, React
- **AI/ML:** TensorFlow, PyTorch, Graph Neural Networks, LLM Integration, Gemini API, Prompt Engineering
- **Databases:** MySQL, PostgreSQL, Neon Database, MongoDB
- **Tools & Platforms:** Postman, XAMPP, Git, GitHub, Microsoft Azure Cloud, ETL Processing

Work Experience

Artificial Intelligence Intern	Feb 2025 – Ongoing
Tann Mann Foundation, Bangalore	
<ul style="list-style-type: none"><li>• Developed the <b>AI Smart Inventory System</b>, an automated web platform for business inventory management and analytics, using Django (Python), React, and Neon PostgreSQL.</li><li>• Engineered a robust ETL pipeline to preprocess Excel uploads (manual/automatic via Microsoft Azure Cloud), storing daily and master summaries locally and on Neon DB, with scheduled and on-demand PDF/email reporting for business KPIs.</li><li>• Integrated Gemini API-powered chatbot for business Q&amp;A and recommendations, implemented data insights/visualization tab, and enabled scheduled/triggered reporting and Azure folder monitoring.</li><li>• Automated data preview, validation, and reporting workflows for seamless user experience.</li><li>• <b>Technologies:</b> Django, Python, React, Neon PostgreSQL, Microsoft Azure Cloud, Gemini API, ETL, Data Visualization</li></ul>	
Python Backend Developer Intern	Feb 2025 – June 2025
Immortal Software Solutions, Bangalore	
<ul style="list-style-type: none"><li>• Engineered and maintained a multi-module <b>Customer Relationship Management (CRM) Portal</b> for business clients, including Task, Contacts, Accounts, Targets, Calls, and Consignment modules.</li><li>• Designed secure authentication flows, managed CRUD operations, and migrated backend from MongoDB to Neon PostgreSQL for scalability and structured data.</li><li>• Developed and tested REST APIs, collaborated with frontend on React integration, and ensured robust data handling and reliability.</li><li>• Improved system maintainability through database refactoring and process automation.</li><li>• <b>Technologies:</b> Django, Python, React, MongoDB, Neon PostgreSQL, MySQL, Postman</li></ul>	

Projects

2025 AI Smart Inventory System (Internship Project, Tann Mann Foundation)
<ul style="list-style-type: none"><li>• Automated inventory analytics with ETL and master summary reporting, supporting both manual and Azure-based data ingestion.</li><li>• Integrated chatbot insights (Gemini API) and dashboards for business decision support.</li></ul>
2025 Customer Relationship Management (CRM) Portal (Internship Project, Immortal Software Solutions)
<ul style="list-style-type: none"><li>• Developed a modular CRM portal with secure multi-role access and streamlined workflow for business operations.</li><li>• Led structured data migration and API integration for robust, scalable backend.</li></ul>

2025 **Cryptocurrency Transaction De-Anonymization Platform** *(Final Year Project, Research Published)*

- Built a real-time web tool for detecting and visualizing illegal crypto transactions using predictive analytics and transaction flow mapping.
- Published results in a peer-reviewed research paper.

2024 **GNN Recommendation System**

- Created a graph neural network-based product recommendation engine for an e-commerce platform.
- Delivered real-time, personalized suggestions from user cart data.

**Achievements & Leadership**

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**BitNBuild 24 - International Hackathon Finalist**

2024

- Team UNREAL finalist in 24-hour offline international hackathon; developed web/mobile apps using ML techniques.
- Tools: Firebase, HTML5, JavaScript, CSS3, Jetpack Compose