

# Samanwaya Datta

Chennai, Tamil Nadu - 600127 | [✉ samanwayadatta@gmail.com](mailto:samanwayadatta@gmail.com) | [📞 +91-8167620070](tel:+918167620070)  
[in Samanwaya Datta](https://www.linkedin.com/in/samanwaya-datta/) | [G Sammie156](https://github.com/Sammie156) | [Portfolio](#)

## Education

<b>Vellore Institute of Technology, Chennai</b> B.Tech in Electrical and Computer Science — CGPA: 8.86	<i>Aug 2023 – Present</i>
<b>St. Patrick's Higher Secondary School, Asansol</b> 10th: 95% — 12th: 93%	<i>2010 – 2023</i>

## Experience

<b>JavaScript Intern – Atyantik Technologies</b>	<i>May 2025 – Jul 2025</i>
<ul style="list-style-type: none"><li>Implemented RESTful API integrations, reducing data fetch times by 20% and improving user experience.</li><li>Designed reusable UI components and optimized state management, enhancing scalability of large applications.</li><li>Collaborated in Agile sprints with senior developers, using Git/GitHub for version control and peer reviews.</li></ul>	

## Technical Skills

- Languages:** C++, C, Java, Python, Go, JavaScript
- Web Development:** MERN Stack, TailwindCSS, RESTful APIs, JWT Authentication
- Databases:** MongoDB, MySQL, MongoDB Atlas
- Tools & Platforms:** Git, GitHub, Postman, Node-RED, AWS (basic)
- Core Concepts:** Data Structures & Algorithms, Object-Oriented Programming, IoT

## Projects

<b>Go-PasteMyst – API Client Library</b>	<a href="#">Source Code</a>
<ul style="list-style-type: none"><li>Developed a robust Go client library for the PasteMyst API, simplifying code snippet sharing for developers.</li><li>Implemented full coverage of REST endpoints including paste creation, retrieval, and secure private paste management using <code>net/http</code>.</li><li>Designed strongly-typed structs with JSON serialization to ensure type safety and reduce runtime errors.</li><li>Wrote comprehensive unit tests and documentation to facilitate easy integration and open-source adoption.</li><li><b>Tech Stack:</b> Go, RESTful APIs, JSON, Unit Testing, Git</li></ul>	

<b>DummyProducts – Full-Stack E-Commerce App</b>	<a href="#">Source Code</a>
<ul style="list-style-type: none"><li>Implemented an e-commerce platform featuring user authentication and product backend within a two-week sprint, leading to a successful demonstration for stakeholders.</li><li>Built an admin dashboard for CRUD operations, strengthening maintainability and data security.</li><li><b>Tech Stack:</b> React, Node.js, Express, MongoDB, TailwindCSS, JWT</li></ul>	

## Leadership & Extracurriculars

<b>Director – Theatre Production</b>	<i>Feb 2025</i>
<ul style="list-style-type: none"><li>Directed and managed a 15+ member team for a stage-play competition; awarded <i>Best Director</i>.</li></ul>	

## Awards

<b>Best Director</b> – Riviera 2025 Stage-Play Competition	<i>Feb 2025</i>
<b>All-Rounder Excellence Award</b> – St. Patrick's Higher Secondary School	

May 2023