

SWAIN DMONTE

B.E. Computer Engineering, Mumbai.

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OBJECTIVE:

Result-driven Computer Engineering student who has led cross-functional projects, analyzed user behavior through surveys, and implemented full-stack web solutions. Eager to apply strong problem-solving, collaboration, and technical skills in a fast-paced Software Development role to build scalable, efficient applications.

EDUCATION:

- B.E. COMPS [Till (SEM-V)] - Fr. CRCE | CGPA 8.73/10 2026
- HSC – Vartak College | 84.67% 2022
- SSC – Carmel convent high school | 95.80% 2020

PROJECTS:

- **Recycle Chain: An E-Waste Facility Locator** *(Aug-Apr 2025)*
 - Implemented a full-stack web app using React.js and Node.js to locate e-waste centers via Google Maps.
 - Achieved 40% improvement in user convenience through real-time location services and categorized listings.
 - Analyzed 400+ survey responses to understand user needs and electronics resale pricing.
 - Integrated ML insights and interactive dashboards for optimized waste routing (Aavishkar 2024 Qualifier).
 - Tech: React.js, Node.js, Express.js, MongoDB, Google Maps API
- **Stellar Scope: Astronomical Events 2024** *(Aug-Sept 2024)*
 - Collaborated with a team to design a responsive UI for tracking real-time celestial events.
 - Optimized user experience with Swiper.js carousel UI and PostgreSQL backend for event updates.
 - Fetched and displayed 200+ astronomy news articles via News API, enabling dynamic content updates.
 - Tech: HTML, CSS, JavaScript, Swiper.js, PostgreSQL
- **ATM Management System: Java Application** *(Oct – Nov 2024)*
 - Led the development of a finance-domain simulation app with Java Swing and MySQL.
 - Implemented role-based access for Admin/User and 6+ banking operations features improving system control and usability across 3 user scenarios.
 - Achieved 95% functional test coverage with zero runtime errors.
 - Tech: Java(Swing), MYSQL, Eclipse IDE

COURSES:

- Virtual Data Analytics Internship at Deloitte
- Data Visualization with Power BI
- AWS Academy – Cloud Architecting
- HTML, CSS, JavaScript for Web Developers

TECHNICAL SKILLS:

- React.js, Node.js
- Java(Core)
- Power BI/Tableau
- MongoDB/MYSQL/PHP
- HTML/CSS
- C

EXTRA CURRICULAR:

- Qualified for round 2 of Aavishkar 2024, presenting the *Recycle Chain* e-waste management project with ML and data visualization.
- Competed in the Smart India Hackathon, developing the *Alumni Association Platform* for enhanced networking and engagement.
- Volunteered with NSS and Bandra Police during the Bandra Fair for crowd management and community outreach.
- Conducted surveys on food insecurity and market pricing of old electronics to support the e-waste project and social awareness initiatives.

STRENGTHS:

- Leadership
- Decision Making
- Problem Solving
- Communication
- Creativity
- Teamwork