Joseph Jonathan Fernandes

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in LinkedIn Profile ● ⦿ GitHub Profile

Objective

Motivated and detail-oriented Computer Engineering student with a strong foundation in programming, algorithms, and software development principles. Eager to begin a career in software development by contributing to real-world projects and learning from experienced professionals. Quick to adapt, collaborative in team environments, and passionate about building efficient, scalable, and user-friendly software solutions.

Education

BE in Computer Engineering (AI/ML Honors), Goa College of Engineering (Grad: 2026)	CGPA: 9.778
HSSC, Mount Litera Zee School (2022)	93.4%
SSC, Vidya Vikas Academy (2020)	95.8%

Projects

- **Public Pulse (Flutter, Firebase)** – A mobile-friendly public grievance app.
- **Smart To Do List (Python, MeTTa, Hyperon)** – Manages, stores, organizes, and suggests next tasks efficiently. Uses concepts of atoms and atomspace for storing tasks.
- **Image Processing (Python, OpenCV)** – UI for applying image transformations and algorithms.
- **Blogging System (HTML, CSS, PHP, MySQL)** – Users can create, edit, and delete blog posts with admin login.
- **Hotel Reservation System (C)** – Manages room bookings, check-ins, and check-outs.
- **Inventory Tracking System (CPP)** – Monitors stock levels, supply usage, and restocking.
- **Hospital Management System (Python, MySQL)** – Manages patient records efficiently.

Technical Skills

- **Programming Languages:** C, C++, Java, Python, SQL, Dart, R, Bash, Shell Scripting, MeTTa
- **Frameworks & Libraries:** Flask, Streamlit, Bootstrap, Tailwind CSS, Java Swing, JavaFX
- **Web Development:** HTML, CSS, JavaScript, PHP
- **Tools & Technologies:** Linux (CLI), LaTeX, JDBC, x86 Assembly, Git, MySQL

Certifications

- **NPTEL:** Python, Java , DSA in Java and Python, C++, Graph Algorithms, Numerical Methods, Soft Skills, Entrepreneurship, Project Management, Linear Algebra, Networking, Industry 4.0 and Industrial IOT, Software Conceptual Design, Design and Implementation of Human-Computer Interfaces, Design and Engineering of Computer Systems, User-centric Computing For Human-Computer Interaction, Advanced graph theory, Privacy and Security in Social Media, Data analytics using Python, Cloud computing and Incubation in Entrepreneurship.
- **HackerRank:** C, Python, Problem Solving, SQL and Java badges
- **Zscaler:** Networking, Cybersecurity
- **CodeChef:** (1025 rating)
- **Altair:** Data Science and Machine Learning Basics

Achievements

- Top 7 in Hack India Hackathon out of 80+ teams in the Goa region.
- Co-organized and managed Technix quiz in 2025, a state-level technical quiz.
- 2nd in Techfluence ByteCode competitive programming event of IT department,GEC held in March 2025.
- 2nd in Tech Attack event at Techyon in PCCE.
- 2nd in level up coding event at Infofest in Goa University.
- Co-organized Technix quiz in 2023, a state-level technical quiz.
- 2nd in Tech twister quiz in RIT 2023.
- 1st in IRIX debate at Chowgule college.
- 1st in quiz event at Infofest in Goa University.
- 2nd in Resonance quiz of ETC department,GEC held in March 2025.