

# Amatya Katyayan

Problem Solver | Innovator | Quick Learner

**Recommended by Indian Navy: SSC (IT) Jan 2024 Course.**

Email: [amatya27@gmail.com](mailto:amatya27@gmail.com) | LinkedIn: [Amatya-Katyayan](#)

## SUMMARY

Innovative Software Developer with a solid understanding of artificial intelligence and machine learning. Proven ability to develop creative solutions and communicate complex concepts effectively, with a commitment to ethical AI practices and solving real-world problems in critical sectors.

## EDUCATION

**Goa University, Goa, India — 86.48%**

Bachelor of Computer Engineering (2018 - 2022)

**Kendriya Vidyalaya, Goa, India — 80.83 %**

Class XII - HSC (2018)

**Kendriya Vidyalaya, Goa, India — CGPA 9.6**

Class X - SSC (2016)

## PROFESSIONAL EXPERIENCE

**Software Developer: Persistent Systems**

AUG 2022 - JAN 2024

- Developed a web application using React and Java Spring Boot to help Project Managers track real-time progress, visualizing data with graphs and a smart table featuring search and sort functionalities.
- Created REST APIs with Java Spring Boot to streamline hiring processes, enabling effective data matching for skillsets and job openings.
- Collaborated with cross-functional teams to ensure seamless integration and deployment of web applications.

**Final Year Project, Goa University: Software Developer**

MAR 2021 - MAR 2022

- Developed a **smart agriculture solution using AI and IoT** to provide personalized advisories based on real-time sensor data.
- Published a research paper** in IEEE Xplore on "Smart Agriculture Systems using AI and Big Data Analytics."
- Secured funding from the **Goa State Innovation Council** for project prototyping.

**Freelance: Software Developer**

FEB 2021 - MAR 2021

- Developed a Real-time Interpretation Software using Python, linked to a web app built using FLASK.

**Cloud Counselage, Artificial Intelligence Intern | [CODE](#)**

DEC 2020 - JAN 2021

- Developed an AI-powered customer support chatbot utilizing speech recognition, analysis, and synthesis.

## CODING COMPETITIONS

- First Rank** in [IEEE CSPL 2021](#)
- Texas Instruments India Innovation Design Contest: Quarter-Finalist**

**GitHub:** <https://github.com/Amatya27>

**Project Portfolio Link:**

<https://amatya27.github.io/>

## TEACHING EXPERIENCE

- Conducted workshops and seminars on computer science and AI as a Guest Lecturer.
- Created educational YouTube videos on tech trends and core computer science concepts.
- Delivered technical training in cybersecurity, IT, and DBMS to Agniveers and soldiers in the Indian Army, focusing on practical learning through interactive sessions.

## SKILLS

- Programming:** Java, Python, JavaScript
- Web Development:** React, Spring Boot, REST APIs
- Database:** SQL, PostgreSQL
- AI Frameworks:** TensorFlow, Scikit-learn
- Cloud Technologies:** AWS (EC2, S3)

## AWARDS & RECOGNITIONS

- College Topper** [Goa University]
- Computer Science School Topper - 96%** [Class XII]

## CERTIFICATIONS (NPTEL)

- Artificial Intelligence - Search Methods for Problem Solving**
- Python for Data Science**

## SOCIAL ACTIVITIES

- Campus Ambassador, TCS:** Coordinated technical awareness camps and hackathons on campus.
- National Service Scheme (NSS):** Organized blood donation camps and social awareness initiatives.

## SPORTS

- Third Place** in Persistent Run 2023 (10KM event)
- Winners** in Inter-Department Basketball (College Level)