

# Praanesh Balakrishnan Nair

Computer Science & AI Student



## Contact

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## Personal Skills

Problem Solving  
Self-learning  
Adaptability  
Time Management

## Expertise

Java



Python



Web Development



Git/GitHub



DSA



## Summary

Motivated and detail-oriented undergraduate with hands-on experience in Java, Python, and full-stack web development. Passionate about building efficient systems, exploring AI applications, and continuously learning new technologies.

## Education

**Amrita Vishwa Vidyapeetham, Bengaluru** 2023 – Present  
B.Tech in Computer Science and Engineering with AI  
CGPA: **8.86/10**

**Sri Chaitanya Techno School** 2021 – 2023  
12th Standard (CBSE) – Score: **83.4%**

**Jaigopal Garodia Rashtrotthana Vidya Kendra** 2014 – 2021  
10th Standard (CBSE) – Score: **94.0%**

## Projects

**CompileArtisan — Personal Website** Dec 2024 – Present

Astro.js CSS JavaScript Cloudflare Pages

- Built a lightweight, fast personal site using Astro.js with Markdown-powered blogs.
- Integrated Cloudflare Pages for seamless CI/CD and global content delivery.

**Aspect-Based Sentiment Analysis on Amazon Reviews** Nov 2025 – Present

Python NLP Scikit-learn LDA SMOTE

- Built sentiment classifier using Naive Bayes with SMOTE balancing, achieving 74% accuracy on 530K+ beauty product reviews.
- Processed large-scale data with TF-IDF vectorization, NLTK preprocessing, and generated interactive visualizations.

**Blockchain-Based Communicator** May 2024 – Nov 2024

Java RSA SHA-256

- Designed a decentralized peer-to-peer chat system removing central server dependency.
- Implemented encryption and message integrity using RSA and SHA-256.

## Leadership & Involvement

**President — CodeChef ASEB Chapter** Aug 2025 – Present

Amrita School of Engineering, Bengaluru

- Lead a 60+ member team to organize coding competitions, workshops, and hackathons.
- Mentored juniors in DSA and competitive programming, improving chapter participation.

## Technical Skills

**Languages:** Java, Python, C, JavaScript, MATLAB

**Frameworks:** Astro.js, Django

**Tools:** Git, GitHub, Vim, VS Code, GNU Emacs

**Coursework:** Data Structures, OOP, Discrete Mathematics