

# Ramachandraa PS

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## EDUCATION

### SAVEETHA UNIVERSITY

#### BE IN COMPUTER SCIENCE

March 2026 (Expected) | Chennai, India

CGPA: 9.19 / 10.0 (3.68/4.0)

### SRI CHAITANYA SCHOOL

#### HIGHER SECONDARY CERTIFICATE

March 2022 | Bangalore, India

GPA: 3.18 / 4.0

## COURSEWORK

### UNDERGRADUATE

Introduction to Product Design \*

JAVA Development and Solutions \*\*

Algorithmic Thinking

Computational Thinking

Mathematical Foundations for Computing \*\*

Computational Logic and Design \*

Advanced Object-Oriented Programming \*

Operating Systems / Concurrent Programming

Compiler Construction \*

\*Teaching Assistant

\*\*Master Learner

## SKILLS

### PROGRAMMING

Proficient: Java • Python • C++

Familiar: Dart • SQL • JavaScript

### TECHNICAL PROFICIENCIES

Algorithms & Data Structures

Full-Stack Development

Cross-Platform Mobile Development

### COMPETITIVE PROGRAMMING

Fundamentals: 60+ Problems Solved

DSA Essentials: 40+ Problems Solved

## CERTIFICATIONS

Introduction to Front - End (Meta)

Google AI Essentials

Introduction to Python Programming (edX)

Oracle Java SE 21 Developer (Pursuing)

## AWARDS

2025 1<sup>st</sup> Place | SDG Hackathon Winner

2024 2<sup>nd</sup> Place | Student Merit Award

2024 Innovative Team | 30hr Hackathon

2024 3<sup>rd</sup> Place | Bug Bounty

2024 Top 1% | Internal Smart India Hack

2024 2<sup>nd</sup> Place | Code Bounty

## TECHNOLOGIES

Proficient : IntelliJ IDEA | Android Studio | Git | GitHub | Firebase | Figma

Familiar: Unreal Engine 5 | Ollama | Open Router | Hugging Face | React | Flutter

## EXPERIENCE

### BYTE UPRISE | SOFTWARE ENGINEER INTERN

JAVA | IntelliJ IDEA | NetBeans IDE

June 2024 – July 2024 | Maharashtra, India

- Led the 2 Java Projects: Developed a scientific calculator and a banking app, showcasing proficiency in software development and application design
- Saved **75 %** of development time by using IntelliJ IDEA and NetBeans, optimizing workflow and enhancing code quality.
- Ranked in the top **10%** for technical skills in Java programming, object-oriented design, GUI development, and debugging

### NSIC | APP DEVELOPER INTERN

Dart | Android Studio | Flutter

Dec 2023 – Jan 2024 | Chennai, India

- Developed cross-platform mobile apps using Flutter, ensuring consistent performance and user experience on both Android and iOS with a single codebase
- Gained expertise in Flutter (UI), Java (Android app logic), and Kotlin (modern Android development), demonstrating versatility and adaptability across different technologies.

## PROJECTS

### COSMOS | FULL - STACK WEB APP | JANUARY 2025

React | TypeScript | Tailwind CSS

[Source Code](#) | [View Demo](#)

- Developed an interactive platform for real-time **space monitoring** and **educational platform**
- Implemented features to bridge the gap between students and space education, aligning with UN's Sustainable Development Goal 4 (**Quality Education**)
- Led development and successfully completed the project under strict 24-hour time constraints, securing first place in the hackathon.
- Integrated a **VR-based** metahuman module to serve as an interactive space guide, enhancing user engagement and learning experience

### CARE SAGE | AUGUST 2024

Python | Machine Learning

- Created a healthcare app using **AI** and **Python** to offer personalized health tips based on data analysis, helping users improve their well-being
- Used **SVM** and **Decision Tree algorithms** to analyze health data and accurately identify patterns, providing precise recommendations for better health
- Designed the app to give users tailored advice, ensuring each person gets suggestions suited to their unique health needs