

Komesh Phani Balaji Bathula

+91-9030993956 | komeshbathula@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

SUMMARY

Computer Science student with strong expertise in Data Structures & Algorithms, having solved 1500+ problems and attended 116+ contests across various platforms. Proficient in Java and experienced in building scalable full-stack applications.

TECHNICAL SKILLS

Programming Languages: Java, Python

Frontend: HTML, CSS, JavaScript, React.js

Backend: Spring Boot, Express.js

Build Tools: Maven, Gradle

Testing: JUnit

Databases: MySQL, MongoDB

Version Control & Tools: Git, GitHub, VS Code

Coursework: Data Structures & Algorithms, Object-Oriented Programming (OOP), Low Level Design (LLD)

EXPERIENCE

NIT Andhra Pradesh

Hybrid

Product Development Intern

May 2026 – August 2026

- Developing **iMentor**, an AI-powered Socratic tutoring platform that guides students through personalized, adaptive questioning instead of providing direct answers.
- Implemented features including **XP-based gamification**, **STN**, and techniques to reduce LLM hallucinations, improving learning engagement and response reliability.

PROJECTS

Applicant Tracking System (ATS) | *Java, Spring Boot, Spring Security, JWT, React.js, MySQL, Docker*

- Built a secure full-stack Applicant Tracking System with **3 role-based portals** (Admin, Recruiter, Candidate) using JWT authentication, Spring Security.
- Implemented an end-to-end recruitment workflow with **6 application states**, audit history tracking, email notifications, pagination, and dynamic search/filtering.
- Designed a scalable REST API using Controller–Service–Repository architecture with DTO mapping, JPA/Hibernate, Bean Validation, and global exception handling.
- [GitHub](#) — [Live Demo](#)

LearnTrack-YT | *React.js, Express.js, MongoDB, Groq API (Llama-3)*

- Built an AI-powered YouTube LMS that generates video summaries in 3 detail levels and 3 regional languages using Llama-3, with a GitHub-style learning activity heatmap.
- Secured user data with Google OAuth 2.0 and JWT, enabling persistent personalized notes and study streak tracking across playlists.
- [GitHub](#) — [Live Demo](#)

EduSync | *React.js, Node.js, MongoDB, Groq API (Llama-3.3)*

- Developed an intelligent adaptive learning platform generating AI quizzes from PDFs and YouTube videos, featuring automated weakness detection and personalized learning paths.
- Engineered a hybrid risk-prediction engine (ML + Heuristics) and an “Ultra-Strict Exam Mode” to identify high-risk students and enforce academic integrity in real-time.
- [GitHub](#) — [Live Demo](#)

EDUCATION

Sri Vasavi Engineering College

Bachelor of Technology – Computer Science CGPA: 9.07 / 10

Tadepalligudem, AP

2023 – 2027

N.R.I Junior College

Maths, Physics & Chemistry Percentage: 97.0%

Eluru, AP

2021 – 2023

Sri Sarvani Public School

SSC Percentage: 99.0%

Eluru, AP

2021

CODING PROFILES

[Codolio](#) | [LeetCode](#) | [GeeksforGeeks](#)

CERTIFICATIONS

MongoDB Certified Developer Associate (Java) – Score: 93%

[Certificate](#)

Microsoft Azure Fundamentals (AZ-900) – Score: 952/1000

[Certificate](#)

ACTIVITIES

Secretary – Microsoft Learn Student Club (SVEC)

Leadership role managing technical events and student initiatives.

2024 – 2026

Coordinator – Tech Euphoria Fest 2K25

Coordinated department-level technical fest activities.

2025

Anchor – Freshers' Party, Sri Vasavi Engineering College

Hosted the annual Freshers' Party for the incoming batch.

2024