

## PROFESSIONAL SUMMARY

- Aspiring Software Engineer (2027 pass-out) with strong foundation in **programming, web development, and machine learning**.
- Experienced in building **full-stack applications** and **predictive ML models**, with certifications from **IBM** and **Tata**.

## EDUCATION

Degree	Institution	Year	Percentage
B.Tech (CSE)	Centurion University	2027	88/100
HSC (12th Grade)	Sri Pragathi College	2023	95.6/100
SSC (10th Grade)	ZPGHS School	2021	97.5/100

## TECHNICAL SKILLS

- Programming:** Python, Java, C, JavaScript
- Core Concepts:** Data Structures and Algorithms, Object-Oriented Programming (OOP), Software Development Life Cycle (SDLC)
- Machine Learning/AI:** Scikit-learn, Pandas, NumPy, XGBoost, SVM
- Web Development:** HTML, CSS, React.js, Node.js, MongoDB, SQL
- Tools & Cloud:** Git, GitHub, Postman, Figma, AWS (basic)

## PROJECTS

- Gym Management System (Full-Stack Web App)**
  - Developed a responsive web application to manage gym memberships, trainers, and client records using React.js, Node.js, and MongoDB.
  - Implemented features such as user authentication, CRUD operations, and session tracking to improve operational efficiency.
- Employee Salary Prediction (Machine Learning Project)**
  - Built a predictive model to estimate employee salaries using Python, Pandas, scikit-learn, and XGBoost, achieving 87% accuracy.
  - Performed data preprocessing, feature engineering, and comparative analysis of regression algorithms to optimize model performance.

## CERTIFICATIONS

- Web Development – IBM
- AI Fundamentals – IBM

## KEY STRENGTHS

- Strong academic performance with focus on computer science fundamentals and practical applications.
- Quick learner, adaptable to new technologies, with excellent debugging and problem-solving skills.
- Effective team collaboration and communication skills.

## ACHIEVEMENTS

- Participated in coding competitions and hackathons, showcasing teamwork and analytical skills.
- Completed multiple industry-recognized certifications (IBM, Tata).

(Revathi Salapu)