

# MAHAVIDYAA P

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## SUMMARY

Third-year B.Tech AI & Data Science student (2026) with hands-on full-stack development experience, strong in Python and SQL, and eager to learn emerging technologies.

## EXPERIENCE

### Web development Intern , Trio Angle Technologies

June 2025 - July 2025

- Acquired proficiency in HTML and CSS during internship, building responsive web components for production applications.
- Developed **BMI calculator web application** using HTML, CSS, JavaScript, and Bootstrap, creating an interactive, mobile-responsive tool for user health assessments

## EDUCATION

### B.Tech , Artificial Intelligence And Data Science

2024-2027

Kamaraj College of Engineering & Technology

- CGPA : 8.1 / 10

## PROJECTS

### XGBoost Career Navigator

- Built an AI-powered career guidance system using XGBoost with explainable recommendations.
- Added skill gap analysis and learning path suggestions to improve student career readiness.

### Secure Data Wiping for Trustworthy IT Asset Recycling

- Engineered secure data wiping solution using Flask and cryptography, ensuring NIST SP 800-88 compliance for IT asset recycling.
- Implemented device detection across Windows/Linux/Android with psutil/SQLite logging, generating verifiable PDF certificates with RSA signatures.

## SKILLS

- **Technical Skills:** Python , HTML , CSS , JavaScript , SQL , Java
- **Languages:** Tamil , English
- **Awards:** Received "Best Project Idea" Award for XGBoost Career Navigator project, recognizing innovative contributions at PSR College.
- **Certifications:**
  - 1.Completed "Introduction to Networks certification" from CCNA Course Module in February 2025
  - 2.Completed "Data Analytics Essentials" from CISCO in December 2024.