

Ramalingam Siva Kumari

Objective

Dedicated and hardworking engineering student with hands-on experience in web development and a keen interest in AI/ML technologies. Looking for an opportunity to enhance my skills, solve real problems, and grow in a dynamic environment.

Education

- B.Tech in Computer Science Engineering (AI & ML)**
VIT-AP University, Amaravati
CGPA: 9.01
2023 – Present
- Intermediate (MPC)**
ARC & GVR Government Junior College, Andhra Pradesh
August 2021 – March 2023
Marks: 973 / 1000

Skills

- HTML, CSS, JavaScript, Bootstrap
- Python, Java, C
- Flask, Git, GitHub
- AI/ML: Regression, Classification, PCA, Model Evaluation
- Database: MySQL, SQL Queries
- Soft Skills: Problem-Solving, Teamwork, Time Management

Projects

- Predictive Pulse – Blood Pressure Stage Predictor**
Developed a machine learning model to predict blood pressure stages using classification algorithms. Applied PCA for dimensionality reduction and evaluated models using accuracy and F1 score.
- Smart Bag for Women Safety**
Designed an IoT-based safety bag equipped with GPS tracking, emergency alert system, and alarm to ensure women's safety during emergencies.
- Smart Crop Protection System**
Built an automated crop protection system using sensors to detect animals and activate deterrents, helping farmers protect crops efficiently.

Awards & Achievements

- State Brilliance Award** – Received for securing District First in Intermediate (Marks: 973/1000).
- 100% Scholarship at VIT-AP University** – Awarded full fee waiver based on academic excellence.

- **JEE Mains** – Secured 86.7 percentile.
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Contact & Links

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- Portfolio: [portfolio-link.com](#)
- GitHub: [github.com/sivakumari982](#)