

# DEENA ANNAMALAI

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## OBJECTIVE

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Proficient developer with a solid foundation in Java, Python, and full-stack development.  
Skilled in building scalable, user-focused applications with clean and efficient code.  
Aiming to contribute to innovative teams and grow as a professional software engineer.

## PROJECTS

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- **Seed to Circuit** - Developed a scalable web platform to streamline agricultural supply chains by connecting farmers, distributors, and buyers. Enabled seamless listing, discovery, and transactions, reducing intermediaries and empowering rural sellers.
- **Laser Home Security System** - Designed a cost-effective, laser-based intrusion detection system using photoresistors and laser beams. Created an invisible detection grid that sends SMS alerts and triggers alarms on unauthorized entry.
- **Sentiment Analysis System** - Developed a sentiment analysis application using Python and machine learning that classifies text data (e.g., tweets) as positive or negative. Implemented with TF-IDF vectorization and trained a logistic regression model; deployed via a user-friendly interface.

## KEY ACHIEVEMENTS

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- Completed Recruitment ACE course with First Class by L&T EduTech (Dec 2023)
- Secured Second Prize in Catch'25 Hackathon (Placement Preparation Contest), Mahendra Institutions – March 2025

## TECHNICAL EVENTS

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- Participated in HackXelerate '25, 24-hour National Hackathon, KPR Institute of Engineering and Technology.
- Awarded for Paper Presentation at GNANCHEMP'2K24, Mahendra Engineering College.
- Attended IoT Workshop at RangUtsav'24, KSR Educational Institutions.
- Presented Laser Home Security System and received Certificate of Merit at C<sup>2</sup>DC 2024, Mahendra Engineering College.

## SKILLS

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• Java   • C   • Python   • HTML   • CSS   • PHP   • JavaScript

## EDUCATION

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<b>Mahendra Engineering College</b>	<b>2022 - 2026</b>
B.E. Electronics and Communication Engineering	CGPA (5th Semesters) : 8.2
<b>SRV Boys Higher Secondary School</b>	<b>2019 - 2022</b>
Class 12th	Percentage : 76%
Class 10th	Percentage : 83%

## ADDITIONAL INFORMATION

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**Languages:** Tamil, English.

**Certifications:** Completed Java Programming Course at Stack Queue Education, Successfully certified in Google Cloud Platform Overview, RPA Rookie, Cybersecurity Essentials, Deploying & Managing AI Applications, and Artificial Intelligence – Foundation through Wipro-provided courses on FutureSkills Prime | NASSCOM

## INTERSHIP

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- Web Development (2 Weeks) - Gained hands-on experience in front-end and back-end web technologies.
- Internet of Things – (1 Week) - Built basic IoT-based applications integrating sensors and microcontrollers.