

MADHAVAN N

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Objective

Aspiring Software Engineer Intern with strong fundamentals in computer science, data structures, and algorithms. Dedicated to building cutting-edge technology and software solutions through innovative design, collaborative teamwork, and engineering best practices. Motivated by a growth mindset, user requirements, and delivering quality software projects that align with product goals and technical programs.

Education

Sri Krishna College of Engineering and Technology (SKCET)

B.Tech in Artificial Intelligence & Data Science (2023 – 2027)

CGPA: 8.22

Projects

- **To-Do List (Java):** Developed a reliable task management software project using Java Swing and JDBC. Applied computer science principles and testing methods to improve solution accuracy and performance.
- **Wardrobe Decoder:** Created a cutting-edge React-based application that generates outfit recommendations. Focused on user requirements, product quality, and consistency across interface design and delivery.
- **Twitter Sentiment Analysis:** Built a Python-based solution using supervised learning to classify tweet sentiments. Used iterative testing, monitoring, and visualization techniques to optimize model performance.
- **Bank Customer Prediction:** Designed a machine learning-based software solution to predict customer churn using classification algorithms. Aligned methods to product goals and principles of engineering.

Certifications

- AWS Certified Developer – Associate – Infosys Springboard
- Microsoft Azure AZ-900 Fundamentals

- React Web Developer – Infosys Springboard
- Supervised Machine Learning: Regression and Classification – Stanford Online

Skills

- Languages: C++, Java, Python, SQL
- Web Development: HTML, CSS, JavaScript, React.js
- Frameworks: Spring Boot
- Cloud: AWS, Azure Fundamentals
- Computer Science: Data Structures, Algorithms, OOPs
- Version Control: Git, GitHub
- Soft Skills: Consistency, Organization, Time Management, Collaboration, Integrity, Respect, Cooperative, Communication, Accountability

Achievements

- 3rd Prize – Neo-Codeathon, SKCET
- Top Team – NASA Hackathon (Team Mavericks)
- 3rd Prize – Stock Olympics, KPR College

Work Philosophy

- Strong understanding of technical program requirements and software engineering workflows
- Cooperative, respectful, and dedicated team member in academic and extracurricular software projects
- Committed to personal and organizational growth, innovation, and contributing meaningful ideas
- Ability to align personal goals with product goals and company culture