

# Venkata Revanth Vardineni

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## EDUCATION

- University of Maryland** College Park, Maryland  
• *Master of Science Applied Machine Learning* 2024 - 2026
- National Institute Of Technology** Jamshedpur, India  
• *Bachelor of Technology- Computer Science Engineering* 2020 - 2024

## SKILLS SUMMARY

- **Programming Languages:** Python, Java, JavaScript, TypeScript, HTML, CSS
- **Database Technologies:** SQL, MongoDB, Elasticsearch, JDBC
- **Software Development:** Spring Boot, Spring MVC, React, Redux, Rest APIs, AngularJS, Microservices, Node.JS, Express.JS, Object Oriented Programming, Agile Methodology
- **Version Control and Development Tools:** GIT, GITHUB, Jira, JUnit, Postman, Swagger, Eureka, PostgreSQL
- **DevOps and Deployment Tools:** Microsoft Azure, Amazon Web Services, Docker, Kubernetes, Jenkins, CI/CD Pipelines
- **Machine Learning and Data Science Frameworks:** Scikit-learn, TensorFlow, Pytorch, Numpy, Pandas, Mathplotlib
- **Managerial Skills:** Leadership, Team building, Problem-solving, Motivating, Communication

## EXPERIENCE

- Blue Yonder** Bangalore, India  
• *Software Developer Intern* Jan 2024 - June 2024
  - Developed and implemented REST APIs for the backend of a Cognitive Search Model, handling entity creation and implementing paging, reducing load time by 30%.
  - Designed and integrated the React frontend to display data from the backend, optimizing data rendering and improving the overall user experience by 20%.
  - Utilized Spring Boot to streamline backend processes, improving API response times by 25% and ensuring smooth communication between microservices.
  - Integrated Natural Language Processing (NLP) algorithms into a Cognitive Search Application, increasing the relevance of search results by 35% and improving query processing efficiency.
- NXTWAVE** Hyderabad, India  
• *Teaching Assistant* JUL 2022 - JUL 2023
  - Assisted over 70 students in coding and web development, providing personalized guidance in data structures and algorithms to enhance their learning experience.
  - Provided expertise in various programming languages and web development frameworks, helping students grasp complex concepts and practical applications.

## PROJECTS

- **E-Commerce Application:** Spring Boot, React.JS, Microservices  
Developed a comprehensive e-commerce website featuring separate admin and user login systems, built using Spring Boot and Microservices architecture, and secured with Spring Security. The front-end was designed to be fully responsive using React. API documentation was handled through Swagger, and thorough API testing was performed using Postman to ensure seamless integration and functionality across the platform.
- **CineHub - Movie Theater Application:** Node.JS, React.JS, Redux  
Developed a full-stack MERN website for movie theaters where users can browse and filter films by category and rating, with admin functionality to add new films, featuring user authentication, welcoming emails via Nodemailer, and a responsive front-end using React, Redux, and Bootstrap.
- **ChatConnect - Real-Time Chat Application:** Spring Boot  
Developed a real-time chat application using Spring Boot and WebSocket, enabling users to join, chat, and leave chat rooms seamlessly. The application features robust architecture and real-time communication, allowing users to send messages and enjoy an interactive chatting experience.

## EXTRA-CURRICULARS

- Served as the Creative Head for the Faces Club at NIT Jamshedpur, leading a team to design innovative projects and organize engaging events that enhanced the club's visibility.

## ACHIEVEMENTS

- Ranked 2nd out of 25,000 participants in the NxtWave Technopreneur Hackathon, recognized for innovative solutions and leadership that earned runner-up status for the proposed idea.
- Participated in the Metaverse Workshop at Samsung SmartThings Home, gaining insights into Metaverse technology and Samsung's IoT innovations through hands-on experience with their smart home products.