# MURALI KRISHNA GRANDHI

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## Summary

Ambitious AI & ML graduate proficient in Python and Java, skilled in building robust machine learning models and RESTful APIs. Experienced in front-end development using React to deliver intuitive, data-driven user interfaces. Passionate about bridging cutting-edge AI research with innovative real-world applications.

## Education

**Sagi Ramakrishnam Raju Engineering College**
- Bachelor of Technology in Artificial Intelligence and Machine Learning Pursing With Good Grading Points

⌖ Bhimavaram ,India
📅 AUG 2023 - MAY 2026

**Swarnandhra College Of Engineering And Technology**
- Diploma in Computer Science and Engineering Completed with an Excellent 90 % Grade

⌖ Narsapuram,India
📅 OCT 2020 - APR 2023

## Skills Summary

- **Programming Language:**Java ,Python, C, JavaScript
- **Markup Language & Style:**HTML,CSS
- **Machine Learning & AI:**Supervised ,Unsupervised Learning, Deep Learning
- **Framework and Libraries :**Sklearn , ReactJs
- **Tools:**Git,Excel,Powerpoint
- **Database:**SQL,MYSQL
- **Platforms**:Visual Studio Code
- **Operating Systems:**Windows,Ubuntu

## SoftSkills

- Communication
- problem Solving
- Leadership , TeamWork
- Project Management

## Projects

**Movie recommendation system** | Link
- Built a content-based movie recommendation system using Python and machine learning techniques.
- Processed movie data, applied text vectorization, and used cosine similarity to compare movie features
- Created a recommendation function that suggests similar movies based on user input.

**Phishing Link Detection** | Link
- Developed a phishing website detection model using Random forest and gradient boosting Python, achieving 90 Percent Accuracy.
- Preprocessed data using feature scaling and encoding to optimize model performance.
- Evaluated the model's effectiveness through metrics like precision, recall, and F1-score.

### Weather-Forecasting (React.js) | Link

- Built a dynamic weather forecasting application using React.js and OpenWeatherMap API for real-time global data.
- Emphasized intuitive UI/UX design to ensure smooth navigation and accessibility across all devices.
- Provides 24-hour detailed forecasts with temperature, humidity, and wind insights for any location worldwide.

### Id Gen Pro | Link

- Built an ID card generator for college events and companies to streamline the creation of customized ID cards.
- Implemented features like photo upload, dynamic data entry, and QR code generation for quick identification.
- Enabled export of ID cards in PDF and image formats for easy printing and distribution.

### Portfolio | Link

- A showcase of my skills, projects, and experiences in design, development, and innovation

## Intern

### AI/ML & Data Science Intern BlackBucks Technologies

- Designed and implemented a content-based movie recommendation system leveraging machine Learning techniques in Python

### AWS Cloud Intern

- AWSAcademy Deployed and managed AWScloudsolutions, reducing operational costs by 20protocols.
  Implemented automated infrastructure monitoring, increasing system uptime by 30liability.
  Strengthened skills in cloud infrastructure, security, and scalable deployment to ensure high-availability applications.

### AWS Academy Data Engineering

- Completed the AWS Academy Data Engineering course, gaining hands-on experience with data collection,storage ,analysis, and visualization using AWS services. Learned to build efficient data pipelines and apply them to Real Wolrd

### Java Full Stack  Intern  In Eduskills

- Gained comprehensive expertise in both frontend (HTML, CSS, JavaScript, Angular/React) and backend (Java,Spring Boot) development.
- Mastered building scalable web applications with full-stack architecture, including RESTful APIs and databases integration (MySQL, MongoDB).
- Completed hands-on projects and real-time assignments, enhancing practical knowledge and industry readiness.
- Developed strong problem-solving and debugging skills, preparing for full-stack developer roles in enterprises-level environments.

## Certificates

- Certified in cloud Java Full Stack -Eduskills
- Cerifified in Ml Connect Workshop
- Certified in Data Analytics Job Simulation -Deloitte
- Certified in Power Bi -Microsoft
- Cerifified in AWS Data Engineering -Eduskills
- Certified in ChatGPT/Generative AI - IIDT