VG ROOPA

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PROFESSIONAL SUMMARY

Pursuing Bachelor of Technology(B-Tech) in Computer Science Engineering (AI), seeking an internship opportunity, to apply my skills in programming, AI/ML . Eager to contribute to innovative projects and gain practical experience in a dynamic tech environment.

EDUCATION

Bachelor of Technology in CSE (AI) , Jain university - 2022-2026	94.8%(Pursuing)
Intermediate, Sree Chaitanya college - 2020-2022	96.5%
Army Public School ASC&C(CBSE) - 2020	90.8%

SKILLS

HARD SKILLS

- **Programming Languages:** Python, Java(OOPs),
- **Data Structures and Algorithms**
- **Database:** MySQL(basics)
- **AI/ML Concepts:** AI in Python, Machine Leaning(Deep Learning)
- **Web Development:** HTML
- **Data Visualization and BI Tools:** Power BI(Reports And Dashboards), Matplotlib, Seaborn
- **Data Analysis and Statistics:** Descriptive Statistics, Inferential Statistics, Python for Data Analysis
- **Spreadsheet Tools:** Microsoft Excel(Formulas, Functions, Data Cleaning, Basic Charts)

SOFT SKILLS

- **Communication & Collaboration:** Developed strong communication through team projects, effectively sharing ideas and working towards common goals.
- **Critical Thinking & Problem Solving:** Applied analytical skills in academic projects to solve complex problems and optimize outcomes.
- **Adaptability & Time Management:** Managed coursework and projects effectively, quickly learning new concepts and adapting to changes.
- **Work Ethic & Accountability:** Demonstrated reliability by consistently meeting deadlines and delivering quality work.

INTERNSHIP

Software Development Intern
Tonbo Imaging India Private Ltd, Bengaluru
(June 2024 - July 2024)

- Gained hands-on experience with deep learning technologies, contributing to the development of electro-optics systems.
- Collaborated with internal and external teams to support the deployment of software solutions for scalable night vision systems.
- Worked on applications of deep learning in defense-related surveillance and targeting systems.

PROJECTS

AI Driven Automobiles(Car):

- Building a software which has self parking system, and recognizes obstacles while driving through radar senses .

Smart Energy Management Systems: Optimizing Power Distribution and Consumption with AI Deployment :

- Created an AI-based Smart Energy Management System to optimize power use with real-time monitoring and machine learning, improving efficiency and reducing costs.

Automated Attendance Management System Through Facial Recognition:

- Developed an AI-Based facial recognition system to automate students attendance.
- Captured real-time video feed, detected faces, and marked attendance in CSV file or MySQL database.