

Parvathi Rajesh

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EDUCATION

- **Government College of Engineering Kannur** Kerala, India
Bachelor of Technology - Computer Science ; GPA: 7.7 *November 2021 - May 2025*
Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Computer Network, Machine Learning, Networking, Databases

SKILLS SUMMARY

- **Languages:** Python, C, JavaScript, SQL, JAVA, HTML, CSS
- **Frameworks:** NodeJS, JustPy
- **Tools:** GIT, VS Code, MySQL
- **Soft Skills:** Leadership, Event Management, Communication, Writing, Public Speaking, Time Management

EXPERIENCE

- **Intern at DRDO CAIR** Remote
Intern (Full-time) *June 2024 - July 2024*
 - **Workflow Automation for NLP:** Developed an automated preprocessing workflow for natural language processing tasks.
 - Data Extraction and Preprocessing:** Extracted and preprocessed content from various file formats.
 - Word Embedding Techniques:** Implemented and compared techniques including TF-IDF, Bag of Words, Word2Vec, and GloVe.
 - Clustering Analysis:** Applied clustering algorithms such as K-Means, MiniBatch K-Means, and Hierarchical Clustering for data analysis. :

PROJECTS

- **PocketGuard:** A financial management website which help individual to monitor and manage their income
- **A Workflow For Preprocessing Automation Towards NLP:** Developed an automated preprocessing workflow for natural language processing.Extracted and preprocessed content from various file formats and clustering them together based on similarity
- **Notion - Disaster Management Website:** Developed a disaster management website including relief fund collection and disaster reporting.

LANGUAGE

- **English, Malayalam, Hindi:**

HONORS AND AWARDS

- Outstanding Student Volunteer Award IEEE SB GCEK
- Finalist at Chakravyuha, 24 Hour National Hackathon

VOLUNTEER EXPERIENCE

- **IEEE**
Malabar Hub WiE Coordinator Kerala Section
Link and Hub Representative IEEE SB GCEK
Chairperson Computer Society IEEE SB GCEK
- **SHE GCEK**
Learning Group Lead
Student Relationship Head
- **NSS**
Treasurer ,Student Volunteer
- **ISTE**
Think Tank Forum Head
- **IEDC**
Women in Entrepreneurship Lead
Department Lead