

# YASEEN DALAYAT

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## SUMMARY

Curious, driven, and emotionally resilient Computer Science student with hands-on experience in Python development, machine learning, and data analytics. Proven ability to build intelligent systems, web applications, and data-driven solutions. Known for persistence, adaptability, and strong communication. Eager to contribute to impactful projects in a dynamic and growth-oriented environment.

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## EDUCATION

**Basaveshwar Engineering College, Bagalkot** 2021 - 2025  
B.E. in Computer Science and Engineering | 2021 - 2025  
CGPA : 6.44

**KLE CSE Angadi PU College, Gokak** 2019 - 2021  
Pre-University Education | 2019 - 2021  
Percentage : 84.33%

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## INTERNSHIP WORK EXPERIENCE

**Data science Intern | C-DAC Bengaluru Electronic City phase 1** Feb 2025 - June 2025

- Built ML models using Python, pandas, NumPy, and scikit-learn for real-world datasets
- Gained practical knowledge of data preprocessing, model building, and evaluation.
- Worked on preprocessing, model evaluation, and visualization

**Internship Trainee | Springevening Private Limited** Feb 2023 - May 2023

- Trained in web development with hands-on experience in HTML, CSS, JavaScript, and Python.
- Gained practical knowledge of Agile, Project Management, and SDLC methodologies.

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## KEY COMPETENCIES AND SKILLS

- Libraries & Tools** : pandas, NumPy, scikit-learn, Flask, GitHub, VS Code, Jupyter Notebook
  - Programming** : C, Java, Python, HTML, CSS, JavaScript
  - Data Analytics** : SQL, Excel, Data Cleaning, Data Visualization
  - Languages** : English, Kannada, Hindi.
  - Soft skills** : Teamwork, Time Management, Communication, Leadership .
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## PROJECTS

**AI-powered chatbot for customer service using NLP** June 2025

- Developed an AI-powered chatbot using Natural Language Processing (NLP) techniques to automate customer support queries and improve response time.
- Implemented intent recognition and response generation using TF-IDF vectorization and Support Vector Machine (SVM) classification for accurate user query handling.
- Integrated the chatbot with a Flask web interface, enabling real-time interaction with users through web-based query processing

## Forest Fire Detection and Prediction

Jan 2025

- Designed a high-precision predictive model utilizing Random Forest to assess forest fire risks based on environmental variables.
- Implemented a real-time monitoring system with dynamic visualizations to identify and prioritize vulnerable fire zones proactively.

## Plagiarism Detection: A Machine Learning Approach

August 2024

- Developed a plagiarism detection system using TF-IDF vectorization and Cosine Similarity for accurate text comparison.
  - Applied text preprocessing methods, including tokenization and stop-word removal, to improve detection accuracy and efficiency.
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## CERTIFICATIONS

### National Level Entrepreneurship Competition

Sri Balaji University, Pune (SBUP)

### Privacy and Security in Online Social Media

Gained insights into data privacy, user security, and threat mitigation strategies across major social media platforms.

### Python (Basic) Certification – HackerRank

Successfully cleared the HackerRank skill assessment, demonstrating foundational proficiency in Python programming and problem-solving.

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## EXTRACURRICULAR ACTIVITIES

- Volunteer: WAVE 2.0 - National Level Hackathon 2024
- Organizer: Techignite, CSE Department's Technical Events