

# Resume

## Prathamesh J. Kasar

(FINAL-YEAR) COMPUTER SCIENCE ENGINEER

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### Objective

To secure a challenging position in a dynamic and innovative organization where I can leverage my technical, analytical, and problem-solving skills to contribute to impactful projects and drive organizational growth while advancing my professional development.

### Education

**Bachelor of Technology (B.Tech) in COMPUTER SCIENCE & ENGINEERING 2021-2025**

G. H. Raisoni College of Engineering & Management, Jalgaon

### Technical Skills

- Programming: C/C++, C#.NET, Python
- Web Development: Angular, Django
- Mobile App Development: .NET MAUI
- Databases: MySQL
- Operating System: Windows, Linux
- Tools: Git/GitHub, VS Code, Visual Studio, VirtualBox

### Soft Skills

- Teamwork and Collaboration
- Effective Communication
- Problem Solving and Analytical Skills

### Projects

- CPU-Scheduling-Algorithms :-
  - Developed a C++ application implementing various CPU scheduling algorithms including FCFS, SJF, LJF, RR, SRTF, LRTF, and priority-based scheduling
  - Designed the project to simulate and analyze different scheduling strategies with performance metrics.
  - **Technologies:** C++, Visual Studio.
- Career Dendrogram Web Application :-
  - Developed a web application to visualize career paths, enabling users to explore various career options through an interactive dendrogram.
  - Key features include user account management, CRUD operations for career paths, and responsive design.
  - **Technologies:** Django, SQLite, HTML, CSS, JavaScript, Python.
- School Blog API:
  - Created a simple blog API for a school, built using FastAPI and MongoDB with Motor for asynchronous database interactions. Features data validation using Pydantic.
  - **Features:** Create, read, update, and delete blog posts; asynchronous MongoDB interaction; auto-generated API documentation via FastAPI.
  - **Technologies:** FastAPI, Motor, Pydantic, Uvicorn, Python.
- Career Dendrogram Mobile App (CDMA) :- *Work in Progress*
  - Developing a mobile application using .NET MAUI to help users visualize and explore various career paths.
  - Planned features include an interactive dendrogram, search functionality, and multi-language support.
  - **Technologies:** .NET MAUI, C#, XAML, SQLite, MVVM Architecture.