

# Lokesh Polisetty

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## SUMMARY

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A second-year B.Tech student with a major in computer science. Passionate about leveraging programming skills to solve problems and create innovative solutions. Experienced in general-purpose programming languages and committed to continuous learning and development. Fluent in English and capable of effective communication. Looking forward to applying these skills and knowledge in a challenging role. Interested in contributing to a team-oriented environment and gaining hands-on experience in the field of technology.

## PROJECTS

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### Employee Management System

[GitHub Repo](#)

**Technologies:** C, Data Structures and Algorithms

- Developed a comprehensive Employee Management System using C programming and Data Structures.
- Optimized performance through algorithmic techniques for faster data retrieval and updates.

### Ride Booking App

[GitHub Repo](#)

**Technologies:** C++, Object-Oriented Programming (OOP)

- Developed a comprehensive ride booking application that features user and driver management, ride booking, and payment processing. The application includes a menu-driven system for user and admin interactions, secure password management, and forgot password functionality.
- Integrated Maps API for distance calculations and payment options, demonstrating strong skills in OOP, file handling, error handling, and API integration.

### Online Whiteboard

[Github Repo](#)

**Technologies:** PHP, MySQL, JavaScript, HTML5 Canvas, Bootstrap

- Developed an Online whiteboard application that features secure user authentication, user management, user profiles, and PDF export functionality.
- Designed a responsive, dynamic drawing interface with undo/redo support, emphasizing clean code organization and best practices in web development.

### Resume Builder and Parser

[GitHub Repo](#)

**Technologies:** Python, Flask, SQLite, LaTeX, Jinja2, Google Gemini API, PyPDF2, pylatexenc

- Developed a comprehensive resume website using Flask that integrates both resume building and parsing functionalities.
- Leveraged LaTeX generation to dynamically produce professional PDF resumes and implemented real-time preview with a responsive JavaScript front-end.
- Integrated the Google Generative AI API to enhance ATS compatibility scoring and automate resume enhancement.

# SKILLS SUMMARY

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Programming Languages	C, C++, Python, JavaScript, HTML, CSS, SQL
Concepts	Object-Oriented Programming (OOP), Data Structures and Algorithms (DSA), API Integration
Developer Tools	Git, GitHub, Flask, LaTeX, Jinja2
Databases	MySQL, SQLite
Frameworks	Bootstrap
Libraries / APIs	Google Gemini API, PyPDF2, pylatexenc

# EDUCATION

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SRM University	Amaravati, India
Bachelor of Technology - Computer Science Engineering	CGPA: 7.80
July 2023 - June 2027	
Bhashyam Junior College	Guntur, India
Board of Intermediate Education	CGPA: 9.0
July 2021 - May 2023	