

# Varshini

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## TECHNICAL SKILLS

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- **Programming Languages:** Proficient in Python; familiar with JavaScript
- **Web Frameworks:** Django
- **Database Management:** MySQL, MongoDB
- **Libraries & Tools:** NumPy, Pandas, Matplotlib
- **Version Control:** Git, GitHub

## EDUCATION

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| <ul style="list-style-type: none"><li>• <b>Bachelor of Computer Applications (BCA)</b><br/>Sharnbasva University, Kalaburagi, Karnataka/India<br/>Graduation: July 2024, GPA: <b>8.7/10.0</b></li></ul> | <ul style="list-style-type: none"><li>• <b>Pre-University Course (PUC)</b><br/>SMT MB Patil Memo PU College, Kalaburagi, Karnataka<br/>Completed: July 2021, Percentage: <b>81.24%</b></li></ul> |
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## CERTIFICATIONS

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- **Full Stack Python** Hyderabad, Telangana / India  
Completed an intensive course in full-stack development, emphasizing Python, Django, and MySQL. Gained hands-on experience in building, deploying, and maintaining web applications, including proficiency in version control using Git and GitHub.
- **IBM ICE Day Coding Event, 2024** Kalaburagi, Karnataka / India  
Participated in a coding competition hosted by the IEEE Student Chapter at Sharnbasva University, showcasing Python proficiency and collaborating with peers to tackle real-world coding challenges under strict time constraints.

## PROJECTS

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### Stock Trend Prediction

- Engineered a toolkit with over 5 tools for in-depth stock market analysis.
- Created an interface for examining over 10 years of historical stock data, facilitating comprehensive trend visualization.
- Implemented real-time market news updates every 5 minutes to keep users informed of market developments.
- Utilized advanced statistical models to enhance predictive accuracy, delivering actionable insights for better investment decisions.

### BCA (Co-ed) Sharnbasva University Kalaburagi Portal

- Developed and optimized the BCA Co-ed Portal, serving 100+ students and 20 faculty members with an integrated platform for academic and administrative functions.
- Automated key academic and administrative workflows, achieving a 30% reduction in paperwork and a 20% boost in operational efficiency.
- Revamped user experience by incorporating feedback, creating a more intuitive and streamlined interface.

### Hostel Management System Portal

- Directed the development and deployment of a Hostel Management System Portal for 50+ students, improving accommodation management.
- Automated 5 key processes related to student accommodation, enhancing system functionality and reducing manual intervention.
- Led a 3-member team, delivering features that cut processing time by 40% and improved overall system performance.

### Online Shopping Management System Portal

- Created an intuitive interface that improved the shopping experience for 100+ users.
- Developed and launched an Online Shopping Management System with 10+ modules and advanced functionalities.
- Managed a team of 4 developers, achieving a 40% increase in user satisfaction and a 25% reduction in onboarding time through strategic feature implementation.
- Optimized backend processes to ensure seamless integration of payment systems and inventory management, increasing order processing efficiency and reducing system downtime.