

# GAYATRI SHELKE

BTech Student specializing in Information Technology

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## SUMMARY

I am a proficient Software Developer with a strong command over C++ and JavaScript. I have a deep interest in data structures, algorithms, and system design. My passion lies in building scalable, memory-efficient solutions and tackling edge-case challenges in product-driven environments. I actively refine my skills through competitive coding, hands-on projects, and mentoring peers.

## EDUCATION

<b>BTech - Information Technology</b> <b>JSPM'sRajarshi Shahu College of Engineering</b> 11/2022 Present   Pune, India	CGPA <b>9.53</b>
<b>Data Science - Diploma Level Student</b> <b>Indian Institute of Technology Madras</b> 01/2024 Present   Pune, India	CGPA <b>7.89</b>
<b>HSC</b> <b>NewArts Commerce And Science College, Shevgaon</b> 01/2021 01/2022   Ahilyanagar, India	Percentage <b>94.6%</b>
<b>SSC</b> <b>Residential Highschool, Shevgaon</b> 01/2019 01/2020   Ahilyanagar, India	Percentage <b>96.4 %</b>

## PROJECTS

- SchedulX**  
01/2025 02/2025  
OS Algorithm Visualizer
  - Built a modular scheduling simulator supporting FCFS, SJF, Priority, and Round Robin algorithms, with animated Gantt chart visualization using Matplotlib.
  - Integrated C++ logic with Python for dynamic output rendering and cross-language data exchange
- BharatBuzz**  
03/2025 04/2025  
Full-Stack News Aggregator
  - Developed a React + Node.js web app that delivers real-time Indian news using the NewsData.io API.
  - Includes topic-based categorization, keyword search, article bookmarking with notes, and SQL-driven analytics with cron-based syncing.
- Internshala Automation Tool**  
06/2025 07/2025  
Automation tool for internships
  - Automation tool for internships Developed an automated script that applies to multiple internships on Internshala based on user-defined preferences.
  - It filters listings by role, location, and stipend, auto-fills application forms, uploads resumes, and submits assessment answers—eliminating repetitive tasks and saving significant time.

## SKILLS

- Soft Skills:** Strong time management, adaptability, and self discipline skills.
- Technical Skills :** Proficient in C++, DSA, HTML, CSS, JavaScript, backend development, system design and machine learning.

## KEY ACHIEVEMENTS

- Awarded by **Cargill Scholarship**.
- Awarded by **U Go Scholarship**.
- IIT Madras **Foundation Level Topper** .

## Technical Engagement

- Participated in **Google Girl Hackathon** (Round 2) and **Walmart CodeHers** (Semifinals), demonstrating strong problem-solving skills in national competitions
- Solved 200+ Data Structures & Algorithms problems on platforms like LeetCode and GeeksforGeeks, reinforcing core concepts and coding proficiency

## Leadership & Volunteering

- Vice President @IEEE WIE RSCOE**  
Dedicated to technology advocacy and community engagement as Vice President of IEEE Women In Engineering.
- Member of Bandipur House at IIT Madras**  
Active member of the Bandipur House at IIT Madras.

## CERTIFICATION

- Software Engineering Job Simulation**  
Software Engineering Job Simulation by Accenture.
- Data Analytics**  
Data Analytics certified by Deloitte.

## LANGUAGES

- Japanese**  
Intermediate

## INTERESTS

- Teaching**  
Teaching programming and system design concepts to peers.
- Hiking**  
Exploring nature and hiking to recharge and gain fresh perspectives.