




Ashwin Lavate

Github  | Portfolio  | LinkedIn  | ashwinlavate20@gmail.com  | +91 8329197971

EDUCATION

Pimpri Chinchwad College of Engineering and Research, Pune
Bachelor of Engineering in Computer Science

Aug 2021 - Jul 2025
CGPA: **8.83/10**

Shri Mhalsakant Vidyalaya and Junior College, Pune
Maharashtra State Board (XII)

May 2019 - Jun 2021
Percentage: **88.6%**

EXPERIENCE

Altair | Software Developer Intern

Jul 2024 - Dec 2024

- Contributed to Hyperworks development, achieving a 30% efficiency boost in report generation for data visualization.
- Implemented API integration and managed CI/CD workflows, streamlining development pipelines.
- Developed web wrappers with Beautiful Soup for efficient data extraction and integration.


TLE Eliminator | Problem Setter

Jan 2021 - Mar 2024

- Designed a diverse set of beginner-level programming problems aligned with curriculum requirements, supporting over 200+ students in skill-building.
- Collaborated with mentors to ensure the problems were relevant, educational and engaging.


PROJECTS

StudyNotion-EduTech

Github 


- Developed a fully functional EdTech platform enabling content creation, consumption, and user ratings.
- Implemented secure user authentication using JWT and integrated Razorpay for payment processing.
- Improved platform performance and usability by integrating Cloudinary for media management and RESTful APIs.

3 Phase Commit Protocol with Improvements

Github 





- Implemented a distributed system showcasing improvements in the 3PC algorithm, achieving 20% better fault tolerance
- Developed a Transaction Manager for efficient workload distribution across multiple nodes.

Schedulify

Github 

- Built a simulator for algorithms such as FCFS, SJF, SRTF, Round-Robin, and Priority Scheduling using Chart.js for dynamic Gantt chart visualization.
- Enabled users to analyze scheduling efficiency, leading to 5% faster decision decision-making in resiuresses allocation

ACHIEVEMENTS

- Rated as **4 star** on **Codechef** 
- Rated as **Specialist** on **Codeforces** 
- ICPC 2024 Amritapuri Regionals Qualified
- Global rank **13** in August Long 2023 on Codechef.
- Global rank **75** in Starters 112 Div2 on Codechef.
- Global rank **970** among 43k+ Competitive Programmers in Codeforces Round #918 Div4 2023.
- Completed **Cloud Engineering tracks** 30 Days of Google Cloud Program 
- Completed **Hacktoberfest** as a Contributor 2022 

Max-Rating (**1826**)

Max-Rating (**1532**)

TECHNICAL SKILLS

- Languages:** C++, JavaScript, SQL
- Technologies and Frameworks:** MySQL, Bootstrap, ReactJS, Tailwind, MongoDB
- Tools/Platforms:** VS Code, Git/Github, Postman, Netlify, Vercel
- Academic Coursework:** Data Structures & Algorithms, Database Management System (DBMS), OOPs, OS
- Soft Skills:** Problem Solving, Leadership, Teamwork, Adaptability, Communication

ROLES AND RESPONSIBILITIES

Technical Head, Google DSC - PCCOER

June 2023 - Present

Member, GeeksforGeeks - PCCOER

April 2022 - Aug 2023