

# JAY DHANWALKAR

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## SUMMARY

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**Hard-working computer application major (8.15 SGPA) recently graduate from Sardar Patel College aiming to leverage proven communication, problem solving, technical skill, to successfully fill the software engineer role at your company Have to pick up.**

## SKILLS

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**Programming Languages:** C/C++, Java, Python, C#.NET.

**Web Development:** HTML, CSS, JavaScript, React.js

**Back-end Development:** Node.js, Express.js

**Database:** MongoDB

**Other:** Google Cloud Platform (GCP), Code Reviews, Problem Solving, Data Structures, Algorithm Design, Object-Oriented Programming, Full-stack Development, Distributed Systems, Software Engineering.

**Soft Skills:** Communication, Collaboration

## WORK EXPERIENCE

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### Goldman Sachs

India

*Software Engineer Intern*

*April 2023 – Jun 2023*

- Contributed to software projects by designing and implementing solutions, actively participating in design discussions.
- Collaborated effectively within the team, bringing diverse perspectives to achieve project goals.
- Achieved an 80% improvement in project efficiency through rigorous problem-solving and code optimization.
- Prepared for future challenges in software development by strengthening practical skills and knowledge.

## PROJECTS

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### MERN E-commerce Website | [Github Link](#)

- Developed a feature-rich e-commerce site using the MERN stack, with secure payment integration and user-friendly design.
- Implemented secure payment integration, reducing transaction time by 20%.
- Contributed to a 20% decrease in error rates through the implementation of coding best practices.
- Maintained project on GitHub for efficient collaboration, resulting in a 30% reduction in debugging time.

### Sudoku Solver | [Live Link](#) | [Github Link](#)

- Developed a highly efficient Sudoku solver emphasizing advanced data structures and algorithms.
- Achieved a 20% improvement in solving speed and 15% fewer backtracks.
- Designed and integrated a user-friendly interface for seamless input handling and real-time solving visualization.
- Conducted extensive testing across various Sudoku puzzle scenarios, achieving a 98% success rate.

### Sorting Visualization Tool | [Live Link](#) | [Github Link](#)

- Implemented tool for visualization of various sorting algorithms like quick sort, merge sort etc. at various size and speed.
- Prioritized a user-friendly design resulting in a 30% increase in task completion efficiency.
- Built on HTML, CSS And JavaScript.

## EDUCATION

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### Gondwana University

Maharashtra, India

*Bachelor of Computer Application*

*Jun 2020 – May 2023*

*SGPA: 8.15/10.00*

### Lokmanya Junior College

Maharashtra, India

*Computer Science*

*Jun 2018 – Mar 2020*

## AWARDS & ACHIEVEMENTS

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**Google Kick Start Coding Competition:** Achieved distinction, showcasing problem-solving skills and technical prowess.

**Google Developer Student Club Competition:** Participated in GDSC WOW (Wonder of Wonders) event, fostering collaboration and driving technological impact.

**Goldman Sachs Course Completion:** Successfully completed the Goldman Sachs Engineering Virtual program, gaining valuable insights into complex problem-solving and engineering solutions within the industry.