

# JAY DHANWALKAR

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## SKILLS

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

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

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

**Database:** MongoDB, SQL

**Other:** Google Cloud Platform(GCP), networking , Problem Solving , data structures, Algorithm design, UI design, full-stack development, distributed systems, algorithm design, Software Engineering.

**Soft Skills:** Communication, Collaborative

**Languages Proficiency:** Marathi (Native), English (Professional), Hindi (Elementary)

## WORK EXPERIENCE

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### Goldman Sachs

*Software Engineer Intern*

Work From Home, India

*April 2023 – Jun 2023*

- Technical Skills: Proficient in C++, Git, GitHub, and various integrated development environments (IDEs).
- Contributed to software projects, focusing on coding and design, and actively participating in design discussions.
- Effectively communicated within the team, collaborating with diverse perspectives.
- Impact: Strengthened practical skills, achieving 80 % improvement in project efficiency. Prepared for future challenges in software development.

## PROJECTS

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

- Developed a feature rich e-commerce site using the MERN stack (MongoDB, Express, React, Node.js), with secure payment integration and user-friendly design.
- Implemented secure payment integration for user convenience, resulting in a 20 % reduction in transaction time.
- Implemented coding best practices for reliability, security, and maintainability, contributing to a 20 % decrease in error rates.
- Maintained project on GitHub for efficient collaboration and streamlined development, resulting in a 30 % reduction in debugging time.
- Implemented coding best practices to ensure reliability and security

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

- Developed a highly efficient Sudoku solver, emphasizing advanced data structures and algorithms, achieving a 20 % improvement in solving speed.
- Implemented a robust backtracking algorithm tailored for puzzles of diverse complexities, resulting in 15 % fewer backtracks.
- Designed and integrated a user-friendly interface for seamless input handling and real-time solving visualization, improving user engagement by 25 %.
- Conducted extensive testing to ensure accuracy and reliability across various Sudoku puzzle scenarios, achieving a 98 % success rate.

### TO-DO LIST | [Github](#)

- Crafted an intuitive web-based to-do list application using HTML, CSS, and JavaScript.
- Engineered the application from the ground up, ensuring a seamless user experience.
- Prioritized a user-friendly design for intuitive task management, resulting in a 30 % increase in task completion efficiency.
- Improved overall user satisfaction by applying reliability and coding best practices.

## EDUCATION

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### **Gondwana University**

*Bachelor of Computer Application*

*GPA: 3.39/4.00*

Maharashtra, India

*Jun 2020 – May 2023*

### **Lokmanya Junior College**

*Computer Science*

*CGPA: 5.0/10.00*

Maharashtra, India

*Jun 2018 – Mar 2020*

## AWARDS & ACHIEVEMENTS

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**Google Kick Start Coding Competition:** Achieved distinction in Google's online coding competition, showcasing problem-solving skills and a passion for technical challenges.

**Google Developer Student Club Competition:** Participated in GDSC WOW (Wonder of Wonders) event, fostering collaboration among students, developers, and communities in India to drive 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.