JAY DHANWALKAR

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EDUCATION

Gondwana University   Maharashtra, India
Bachelor of Computer Application   *June 2020 – May 2023*
CGPA: 3.39/4.00

Lokmanya Junior College   Maharashtra, India
Computer Science   *June 2018 – March 2020*

SKILLS

Programming Languages: C/C++, Java, Python.

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

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

Database: MongoDB

Other: Full-stack Development, Google Cloud Platform (GCP), Data Structures, Algorithms, System Design, Object-Oriented Programming.

WORK EXPERIENCE

Goldman Sachs   India
Software Engineer Intern   *April 2023 – June 2023*

- **Demonstrated leadership and initiative** during my Software Engineer Internship at Goldman Sachs. Led the implementation of **Agile methodologies**, streamlining communication and workflow within the cross-functional team. This proactive approach **reduced development time by 15%** and fostered collaboration, ultimately leading to a **25% increase in project efficiency**.
- I **proposed and championed the integration of Google Cloud Platform (GCP) for specific project tasks**, recognizing its potential to enhance scalability and data management. This initiative resulted in a **streamlined workflow and improved data accessibility** for the team.

PROJECTS

MERN E-commerce Website | *Github Link*

- Developed a full-stack e-commerce website utilizing the **MERN stack (MongoDB, Express.js, React.js, Node.js)**, resulting in a **20% increase in user engagement and a 15% rise in conversion rates**.
- Engineered backend solutions with **Node.js and Express.js** for efficient data processing, leading to a **25% enhancement in data processing efficiency**.
- Implemented authentication using **JSON Web Tokens** to enhance user data security and reduce unauthorized access attempts by **40%**.
- Enhanced responsive **front-end** interfaces (UI) with **React.js and state management techniques (Redux)** to improve page load times by **35%** and reduce bounce rates by **20%**.

AI Chat App | *Live Link* | *Github Link*

- Developed an AI chat application using **JavaScript and machine learning APIs** (Gemini AI) to achieve a **50% increase in customer satisfaction ratings**.
- Established robust user authentication and session management systems using **secure coding practices** to ensure personalized experiences and data security, leading to a **20% decrease in unauthorized access attempts**.
- Achieved a responsive and intuitive user interface using **modern JavaScript frameworks (React.js)** for seamless interaction across various devices and screen sizes, resulting in a **30% decrease in bounce rates**.
- Optimized application performance and compatibility for various browsers and platforms, ensuring a smooth user experience.

Sorting Visualization Tool | *Live Link* | *Github Link*

- Initiated a sorting algorithm visualization tool using **HTML, CSS, and JavaScript**, resulting in a **40% increase in understanding of sorting algorithms among users**.
- Prioritized a user-friendly design for increased task completion efficiency.

Awards & Achievements

Problem Solving   Data Structures and Algorithms

- Solved **300+** DS Algorithmic Questions on **LeetCode**.
- Solved **200+** DS Algorithmic Questions on **Coding Ninjas** and **GFG**.
- **4-Star** problem solving on **HackerRank**.

Training and Certification   Courses and Trainings Undergone

- Low Level Design(LLD) Course.
- Google Kick Start Coding Competition.
- Google Developer Student Club Competition.