

# AJAY SINGH

PUNE, MAHARASTRA

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## EDUCATION

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**Bharati Vidyapeeth College Of Engineering, Pune 2020-2024**  
B.Tech in Information Technology-**CGPA:9.35**

**KDMA International School, Kanpur CBSE**  
CBSE Board **Class 10: 95%**

**KDMA International School, Kanpur**  
CBSE Board **Class 12: 82.6%**

## Technical Skills

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Tech Stack: C++, SQL, Javascript, Linux, React, Node.js, Express, , HTML, CSS, Bootstrap  
Tools/Framework: Flask, Socket.IO, Open Ai API

## Experience

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### SDE Intern | eBliss Infotech Pvt Ltd| September 2024-November 2024

Developed a robust Point-of-Sale system for Pharmaceutical and Healthcare Firm, ensuring seamless transaction management and inventory tracking. Utilized Python, XML, React, and PostgreSQL to design and implement core features. Worked exclusively on the frontend of the Point-of-Sale (POS) system, configuring the user interface to meet client requirements. Enhanced the POS system's UI using React, HTML, and CSS, ensuring an intuitive and responsive design.

### Web Development Intern | Ministry of Agriculture, Govt. of India| June 2024-August 2024

During my tenure as an intern at FARMAP 2.0, a project under the Economics & Statistics Department, I contributed to building the homepage for their web-based agricultural data management system. Using HTML, CSS, Bootstrap, and JavaScript, I worked on enhancing the front-end design to ensure a user-friendly interface for stakeholders involved in agricultural data collection. This project helped improve the accessibility and visual representation of vital data related to cost of cultivation across India.

### Industrial Training Intern | Tata Motors | June 2023-July 2023

During my tenure as an intern at Tata Motors, I was engaged in testing for automobile system diagnosis software to accurately analyze vehicle systems and components. I had the privilege to work with a team of skilled professionals in the Software Testing department. Demonstrated proficiency utilizing Tata Motors Diagnosis Software(TDS), widely used technologies, to design, build, and implement automated test scripts in Tata Motors specifically. Critical test cases were successfully automated, which significantly reduced the amount of manual testing required and strengthened the testing procedure.

## Projects

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### Dall-E-Image Generator <https://github.com/Ajay007008/Dall-E-ImageGenerator>

Developed an AI-powered DALL-E Image Generator using Flask, Replit and OpenAi API. This web-based application allows users to generate captivating images based on textual prompts. I harnessed the potential of the DALL-E model, a groundbreaking AI architecture that combines natural language processing and image synthesis. By providing textual descriptions, users can witness the model's remarkable ability to transform words into stunning visual representations.

### Swiggy-Clone [https://github.com/Ajay007008/Swiggy\\_Ecommerce\\_Clone](https://github.com/Ajay007008/Swiggy_Ecommerce_Clone)

Developed the frontend of a Swiggy-inspired food delivery platform using React.js, showcasing expertise in building modern, responsive, and interactive web applications. The project features reusable components, dynamic routing with React Router, and state management with React hooks for seamless navigation and data handling.

### Youtube Video Generator Extension <https://github.com/Ajay007008/Youtube-Video-Summarizer>

Developed an Extension for YouTube Video Summarizer using Flask, YouTube Transcript API, and Hugging Face Transformers. In the age of information overload, shifting through the vast sea of online video content can be a daunting task. That's where YouTube Video Summarizer project comes into play. Enables users to input video URLs and obtain concise, accurate summaries. Leveraging the YouTube Transcript API, the application extracts video transcripts, while employing Hugging Face Transformers, advanced NLP models to generate informative and coherent summaries.

### RealTime-Chatting-App <https://github.com/Ajay007008/Realtime-Chatting-App>

Developed a real-time chat application using Node.js and Socket.io. Enabled seamless communication between users with instant message delivery. Implemented the server-side logic using Node.js, ensuring efficient handling of messages and user connections. Socket.io, a powerful library, facilitated real-time event-based communication, enabling messages to be sent and received instantly.

## Certificates

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Complete Web Development Bootcamp- Dr. Angela Yu  
Walchand Data Structure Course  
The Complete SQL Bootcamp. 2022: Go from Zero to Hero- Jose Portilla