

# Tejas Santosh Chavan

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**Portfolio:** <https://tejas1505.github.io/portfolio/>

## Skills Summary

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- **Programming Languages:** Python, JavaScript.
- **Frontend:** HTML, CSS, JavaScript, **ReactJS**.
- **Backend:** Django, NodeJS, ExpressJS.
- **Databases:** MySQL, SQL
- **Other Skills:** API, PL/SQL, Linux, Unix, Basic knowledge of Shell scripts

## Experience

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### ReactJS Developer at Knight Motion Media LLP

*Oct 2023 - Present*

- Knight Motion Media LLP is a Digital Marketing, Advertising, information technology, consulting, and outsourcing company with services spanning various industries.
- The company provides a broad range of IT services including consultancy, application management, portfolio migration, production support, system transformation, and integration. Knight Motion Media LLP combines tech expertise and business intelligence to catalyze change and deliver results.
- The company addresses changing business needs with flexible, cost-effective, quick, and reliable solutions.
- This company also has a great experience in graphic designing and AR/VR Technology.

## Projects

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### Poster & Video Generator (10/2023 - 12/2023)

- Your project, developed with the MERN (MySQL, Express.js, React, Node.js) stack, focuses on creating posters. Users can upload images, place them within a poster frame, and then download the customized poster. The front end, built with ReactJS, offers an interactive interface. REST APIs, implemented with Node.js and Express.js, facilitate communication between the frontend and backend.
- The project supports image manipulation, allowing users to integrate their uploaded images into the poster. Additionally, there's a feature for merging videos with posters, adding a dynamic element. MySQL for the database is essential to clarify. The project offers a comprehensive multimedia experience, with a strong emphasis on user interaction and customization.

### Chat App (07/2021 - 08/2021)

- The Chat App, driven by Node.js and Socket.io, is a real-time communication platform emphasizing one-to-one interactions in its initial phase. With Node.js as the robust backend and Socket.io enabling instant bidirectional communication, the app guarantees a responsive user experience.
- The current development stage prioritizes perfecting the one-to-one communication feature, addressing details meticulously to ensure user satisfaction. A deliberate commitment to simplicity results in a user-friendly interface, fostering a seamless chat experience. The ongoing refinement process aims to enhance the app's effectiveness and usability as it evolves.

### Agrocon Net System (05/2022 - 07/2023) - BE Project

- The AgroNet System, our innovative Final Year Project, combines the Django Framework with IoT and Arduino coding to create a sophisticated web application. Focused on Smart Farming in Polyhouses, the system empowers farmers with real-time control and monitoring through a network of sensors. This cutting-edge approach to agriculture seamlessly integrates technology to provide precise insights for optimizing plant growth and resource utilization.
- The AgroNet System exemplifies the potential of modern technology to revolutionize farming practices, making them more efficient, data-driven, and sustainable. This project showcases a forward-thinking perspective on agriculture, demonstrating the impact of technology in creating a more advanced and productive farming environment.

## Roles and Responsibilities

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- **Frontend Development:**
  - Utilized React.js to create dynamic and responsive user interfaces, implementing new features and collaborating closely with design teams.
  - Developed reusable components for improved code organization and efficiency, contributing to a modular and maintainable codebase.

- **Backend Development:**
  - Backend Development:
  - Designed and implemented RESTful APIs using Node.js and Express.js, ensuring seamless communication between the frontend and backend systems.
  - Created and maintained databases in MySQL, managing data structures and ensuring efficient data retrieval and storage.
- **Deployment and Hosting:**
  - Successfully deployed applications to Virtual Private Servers (VPS), demonstrating proficiency in the deployment process and ensuring reliable hosting.
- **State Management and Optimization:**
  - Implemented state management within React applications, utilizing React state and external libraries like Redux for efficient data handling.
  - Conducted performance optimization, ensuring applications were optimized for speed and scalability through profiling and troubleshooting.
- **Testing and Quality Assurance:**
  - Wrote unit tests to validate the reliability and stability of the code, contributing to a robust testing strategy.
  - Participated in code reviews, providing constructive feedback to enhance overall code quality.
- **Documentation:**
  - Maintained comprehensive documentation for codebase, facilitating team collaboration and knowledge transfer.
- **Continuous Learning:**
  - Stayed informed about the latest industry trends and best practices in React.js and full-stack development.
  - Engaged in ongoing self-learning and professional development to enhance skills and stay current with emerging technologies.
- **Communication and Collaboration:**
  - Effectively communicated with cross-functional teams, including designers to ensure smooth integration and project success.
  - Regularly provided project updates during team meetings, fostering open communication within the development team.

## Education

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<b>Anantrao Pawar College of Engineering and Research, Pune</b> B.Tech/B.E - Computer Engineering - SPPU (8.81 CGPA)	<b>(08/2019 - 07/2023)</b>
<b>P.V.G's Muktangan Jr. College, Pune</b> Higher Secondary Certificate - HSC - (60%)	<b>(06/2018 - 05/2019)</b>
<b>S.D. Katariya High School, Pune</b> Secondary School Certificate - SSC- (75%)	<b>(06/2016 - 04/2017)</b>