

# OMKAR PEDAMKAR

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## SKILLS

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- **Languages:** Python
- **Framework:** NextJS, Express
- **Libraries:** ReactJS, React-Redux, NodeJS
- **Frontend:** HTML, CSS, Tailwind CSS, JavaScript, TypeScript
- **Backend:** MongoDB
- **Coursework:** Data Structures and Algorithms, OOPS, DBMS, Computer Network

## WORK EXPERIENCE

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### SYSTEM ENGINEER | INFOSYS

Jun 2021 – Jan 2024

- Managed AWS Cloud infrastructure for the CitizensBank project, maintaining 99% uptime and optimal performance
- Identified and resolved technical issues across platforms, reducing team downtime by 25% and improving overall productivity by 15% through support and troubleshooting.
- Optimized application version deployments and production changes, achieving zero system failures and a 30% reduction in deployment time.
- Collaborated with the Developer team to create React components, ensuring a seamless experience with backend for bankers and enhancing operational efficiency.
- Designed and developed websites for team members to manage their tasks, resulting in a 25% increase in task efficiency and overall productivity.

## PROJECTS

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### JOTION -

Oct 2023 – Nov 2023

- Spearheaded the development of Jotion, a freemium web application, using cutting-edge technologies like Next.js, React, and TypeScript, to deliver a superior user experience. resulting in a 30% increase in overall performance.
- Enhanced user engagement and reduced bounce rate through a visually appealing Tailwind CSS interface design
- Efficiently managed user authentication through Clerk, enabling seamless logins via popular social accounts and increasing user registrations by 40%.
- Utilized the capabilities of Shadcn components, Edgestore for file uploads, and Convex for backend infrastructure, resulting in a 50% reduction in response times and ensuring 99.9% uptime for a user base of 100+.

### THREADS -

Sep 2023 – Oct 2023

- Developed a full-stack web application using Next.js for server-side rendering and React for reusable components, resulting in a highly performant and user-friendly platform
- Designed and implemented an aesthetically pleasing UI using Tailwind CSS, leading to a 20% increase in user engagement and a 15% reduction in bounce rate.
- Utilized Shadcn components, Zod validation, UploadThing for file uploads, and webhooks for real-time event management, resulting in 30% faster response times.
- Leveraged MongoDB for backend infrastructure, ensuring data security and reliability, with 99.9% uptime for a user base of 50+.

### MOVIX -

Mar 2023 - Jul 2023

- Developed a full-stack web app resembling popular streaming platforms, enhancing user engagement.
- Implemented dynamic user interfaces using ReactJS and ensured efficient state management with React-Redux, resulting in a 25% increase in user engagement.
- Utilized Django and Django REST Framework for the backend, integrated JSON Web Tokens (JWT) for secure claims representation, ensuring data privacy for a large user base.
- Effortlessly integrated PayPal Sandbox for online payments, facilitating 100+ transactions, and harnessed the TMDB API for accessing movie and TV show data, providing a wide range of content to users.

## EDUCATION

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Bachelor of Technology in Computer Science

2017 – 2021

Mumbai University -Maharashtra, India (CGPA: 9.1 / 10)