

# YASH TRIPATHI

Software Engineer

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

## EDUCATION

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### Thakur College of Science & Commerce

Computer Science Bachelors  
CGPA: 8.78

Mumbai, India  
June 2019 - May 2022

### St. Rocks College

Science HSC  
Percentage: 60%

Mumbai, India  
May 2017 - April 2019

## EXPERIENCE

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### Openspace Services | Software Engineer

Mumbai, India | April 2022 - Present

Developed and implemented software solutions utilizing Agile methodology, Python, Node, Express, JavaScript, HTML, CSS, and React.js.

## SKILLS

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Programming Languages: Python, Javascript, HTML, CSS  
Libraries/Frameworks: Express, FastAPI, Django, Flask, ReactJS, NodeJS  
Tools / Platforms: VScode, Git, AWS, Azure, Docker, Kubernetes, Ansible, CI/CD, Linux  
Databases: MySQL, MongoDB, DynamoDB, PostgreSQL

## PROJECTS / OPEN-SOURCE

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### E-commerce APIs | Link

*NodeJS, ExpressJS, Docker, MongoDB*

- Developed Node.js APIs for an e-commerce platform, utilizing Docker for deployment.
- Implemented user-based login, access control, and order tracking for admins.
- Utilized MongoDB for efficient storage of user data, order information, and statistics.
- Deployed the application using Docker for seamless integration and portability.

### Emailer Project

*Python, AWS, Google APIs*

- Streamlined data tracking from static websites' contact forms using AWS services.
- Led development, implemented email notifications, and orchestrated deployment.
- Integrated RESTful APIs and GraphQL endpoints, expanding data retrieval capabilities.
- Enhanced functionalities with dynamic email templates for improved user engagement.

### Local File-share | Link

*Javascript, Express, NodeJS, EJS, MongoDB*

- Created a local file share server for quick and secure file sharing.
- Developed UI, implemented password protection, and adapted for server deployment.
- Dynamically included the server's IP address in the generated URL for convenience.
- Enhanced user experience with streamlined file sharing within the local network.

### WeProcess

*Python, ReactJS, AWS, MySQL*

- Developed a comprehensive compliance portal, overseeing development, database design, DevOps implementation, and frontend integration.
- Automated compliance registers, acts, and licenses based on government regulations.
- Spearheaded AWS deployment, optimizing infrastructure on AWS servers.
- Integrated RESTful APIs and GraphQL endpoints for enhanced data interaction.

### ANAROCK Property Consultants | Link

*Strapi, NextJS, Javascript, PostgreSQL*

- Developed Anarock's official website using Strapi, Next.js, and PostgreSQL.
- Led backend development, API integration, and Docker deployment.
- Explored and integrated various plugins into Strapi for enhanced functionality.

- Collaborated on frontend integration with Next.js, ensuring a seamless user experience.

### Mini Blog App | [Link](#)

*NodeJS, ExpressJS, ReactJS, Kubernetes, Docker, MongoDB*

- Designed and implemented a microservices architecture for a mini blog application, featuring a Node.js and Express backend, MongoDB for data storage, and Docker/Kubernetes for deployment.
- Developed key functionalities like posting, commenting, and moderation, ensuring content integrity and user engagement.
- Established an event-driven system with a self-made message broker for seamless communication between microservices.
- Showcased API proficiency by creating a React frontend, deployed alongside the backend on the same Kubernetes cluster using Docker containers.

### CERTIFICATIONS

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- Azure Fundamentals - **Microsoft**
- NDG Linux Unhatched - Cisco.
- SQL (Basic) - **HackerRank**