

SATYAM BANWALE

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Professional Summary

Software Developer with **1.5 years** of experience in creating **scalable** web applications, optimizing performance, and enhancing user experiences. Skilled in **problem-solving** and teamwork to deliver impactful solutions.

Skills

NestJS, Next.js, React, TypeScript, Tailwind CSS, REST APIs, tRPC, JavaScript, Node.js, Express, React Native, Zod, Yup, MongoDB, Ant Design, Prisma, HTML, CSS, Chakra UI, MVC, Git, Data Structures, Algorithms.

Work Experience

Prodios Labs | Software Developer

Aug'23 - Present

- Developed and implemented end-to-end user-to-officer workflows, including dynamic table forms, dashboards, and administrative modules for seamless task management.
- Delivered customized solutions for departments like **Cooperative**, **SDC**, and **Irrigation**, integrating third-party APIs and hosting external websites within the platform.
- Improved system efficiency by automating processes using **cron jobs**, optimizing asynchronous operations, and enhancing performance through real-time data visualization.
- Ensured robust data integrity with form validation using **Yup** and **Zod**, and automated user notifications to streamline communication.

Education

Maharishi Mahesh Yogi Vedic Vishwavidyalaya, India

2021 - 2023

- Master of Science in Mathematics | **CGPA: 7.5/10**

Dr. CV University, India

2018 - 2021

- Bachelor of Science in Mathematics | **CGPA: 7.4/10**

Projects

e-Services (Apuni Sarkar)

Aug'23 - Present

A platform providing **faceless, paperless, and cashless** access to **government services** in Uttarakhand.

- Developed officer dashboards for critical tasks like certificate downloads, user management, and password resets, enhancing operational efficiency.
- Built and validated scalable forms for multiple departments, improving service delivery and compliance.
- Automated workflows with **cron jobs**, reducing manual efforts by 20%, and integrated APIs and third-party websites to expand service offerings.
- Created real-time data dashboards to support data-driven decision-making and system monitoring.

Tech stack: **Nest.js, React, Ant Design, Tailwind CSS, Excel, Yup, MongoDB.**

ITDA Portal

Jan'24 - Jun'24

The ITDA drives **ICT** projects for **Digital Uttarakhand**, enhancing citizen life and transparency.

- Developed and integrated complex data-driven forms, including tabular data, to enhance data management and streamline workflows for multiple departments.
- Implemented robust schema validation using **Zod**, ensuring data accuracy, consistency, and integrity across the system.
- Designed and generated officer reports, providing actionable insights and improving departmental transparency.
- Optimized backend services using **Prisma** and **tRPC** to improve system performance, scalability, and reliability.

Tech stack: **Prisma, tRPC, Next.js, TypeScript, Zod, ShadCN UI, Excel, MongoDB.**

E-Shop

Apr'23 - May'23

An **e-commerce** web application with an **admin panel**.

- Developed **dynamic features** (product filtering, sorting, searching) and **responsive design** with Chakra UI for multi-device compatibility.
- Built a secure **admin interface** for product management, user accounts, and transactions with **JWT Authentication** and **Bcrypt Hashing** for secure login.
- Deployed the application on a **cloud server**, ensuring **scalability** and **high availability**, and integrated **REST APIs** for seamless communication.

Tech Stack: **React, Node, Express, Chakra UI, MongoDB, MVC.**

Certificates

Masai School | Full Stack Web Developer Trainee

Mar'22-Dec'22

- Acquired **full stack web development** skills, proficient in **frontend** and **backend technologies**.
- Solved **500+ DSA (Data Structures and Algorithms)** problems to strengthen **problem-solving** and **coding skills**.
- Developed key **soft skills**, including **communication, teamwork, and time management**.

Coursera | Developing Front-End Apps with React (IBM)

Mar'23-Mar'23

- Gained proficiency in frontend development using React, learning to build interactive, responsive web applications.

Coursera | Developing Back-End Apps with Node.js and Express (IBM)

Mar'23-Mar'23

- Gained proficiency in **back-end development** with **Node.js** and **Express**, learning to build scalable APIs and server-side applications.

Achievements

Contributed to the portal winning the **National E-Governance Award 2023 (Silver Medal) at the 26th E-Governance Conference**, recognized for its innovative approach to service delivery.