Prince Pal

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SKILLS

Programming Languages : JavaScript, Java, TypeScript, C++
Frameworks & Libraries : React, Express, Node.js, Tailwind CSS
Databases : MongoDB, MySQL, PostgreSQL, Redis
Tools & Platforms : Postman, Git, GitHub, Docker
Soft Skills : Communication, Time Management, Problem Solving, Teamwork

ACADEMIC PROJECTS

StudyNotion - A Full-Stack EdTech Platform | Github Website

Full Stack Developer

- Developed a comprehensive **MERN**-based e-learning platform featuring distinct roles for **Students**, **Instructors**, and **Admins**, facilitating course enrollment and content delivery.
- Implemented **JWT authentication**, **Google OAuth 2.0 Sign-In**, and role-based access control to ensure secure user management.
- Built **student** and **instructor dashboards**, integrated **Razorpay** for payments, and utilized **Cloudinary** for media storage, connecting 10+ **REST APIs** with **MongoDB**.
- Created a responsive UI using **React**, **Redux Toolkit**, and **Tailwind CSS** to enhance the cross-device learning experience.

Technologies / Tools Used : *MongoDB, Express, React, Node.js, JWT, Cloudinary, Razorpay, OAuth*

Social Media Application | Full-Stack Project | | Github Website

Full Stack Developer

- Developed a scalable full-stack social media application with features such as posts, likes, comments, real-time chatting, user profiles, and follow/unfollow functionality.
- Implemented real-time one-to-one messaging using **WebSockets** for instant communication between users.
- Integrated **Redis caching** to optimize data retrieval and enhance application performance.
- Built secure RESTful APIs with authentication and authorization, and containerized the application using **Docker**.

Technologies / Tools Used : *Typescript, React, Node.js, Express, Tailwind CSS, Redis, Docker, PostgreSQL, Prisma, Cloudinary*

Banking Ledger Management System | Github Render

Backend Developer

- **Developed a backend-first Banking Ledger API** utilizing **Node.js**, **Express.js**, and **MongoDB** to simulate real-world banking operations, ensuring secure account and ledger management.
- **Implemented core banking features** such as account creation, deposits, withdrawals, fund transfers, and transaction history tracking.
- **Integrated JWT-based authentication** and designed RESTful APIs for secure credit/debit transaction processing.
- **Ensured reliable fund transfers** by implementing idempotency keys to prevent duplicate transactions.

Technologies / Tools Used : *Node.js, Express, MongoDB, JWT, Postman, Render, Nodemailer, Mongoose*

WORK EXPERIENCE

MERN Stack Developer Intern | Internship

Dec 2025 - Feb 2026

3Skills — *Remote*

- Developed **10+ responsive UI components** using **React.js** and **Tailwind CSS**.
- Integrated **5+ REST APIs** to enhance application functionality and improve user experience.
- Collaborated in debugging and implementing **multiple feature enhancements** to boost application performance and usability.

Technologies / Skills Used : *React, Tailwind CSS*

Team Lead

Oct 2025 - Oct 2025

COER University — *Roorkee*

- Led a 24-hour annual hackathon project focused on a Medical Web App.
- Developed a responsive user interface utilizing React, Tailwind CSS, Figma, and Firebase.

Technologies / Skills Used : *React, Tailwind CSS, Figma, Firebase*

EDUCATION

Mind Power University | Nainital, Uttarakhand

2025 - 2027

Master of Computer Applications (MCA) Pursuing

Soban Singh Jeena University | Almora, Uttarakhand

2022 - 2025

Bachelor of Computer Applications (BCA) — *Percentage : 73.53%*

HOBBIES

Guitar playing, **singing**, and **music exploration**.