

Maniraj Yadav

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EDUCATION

SRM University AP

Bachelor of Technology (B.Tech) in Computer Science and Engineering (CGPA – 8.58)

October 2022–June 2026

Andhra Pradesh, India

National Infotech College

Intermediate(+2) (84.25%)

2020–2022

Birgunj, Nepal

SKILLS

Programming Language: C, C++, Java, Python, JavaScript

Libraries/Framework: SpringBoot, Spring Security, JPA, Hibernate, ReactJS, Tailwind CSS

Databases & Tools: MySQL, Postgres, NoSQL, Firebase, Git & GitHub, REST APIs, Docker

College Coursework: Data Structures and Algorithm, Database Management System, Machine Learning, Operating System, Computer Networks

PROJECTS

Project Chetna | ReactJS, SpringBoot, PostgreSQL, JPA

Oct-2024

- Designed and developed a \$400 industry-standard website for an NGO with user-friendly interfaces, efficient navigation, and stakeholder collaboration to align with their mission and campaigns.
- Implemented secure payment options to ensure safe transactions and enhance trust for over 30 fundraisers, contributing to the organization's successful fundraising efforts.
- Worked on backend development, OAuth 2.0 integration, database design, and deployment architecture to support an estimated user base of over 1,000 users.

Krishi-Yogya | ReactNative, Python, FastAPI, CNN, Appwrite | [Github](#)

Sep-2024

- In a team of 4, developed an AI-powered community app to diagnose crop diseases and enable farmers to share posts for peer support.
- Empowered farmers to upload images of plant and animal diseases for diagnosis and early prevention, achieving a 92% model accuracy and improving agricultural outcomes.
- Selected for the Smart India Hackathon 2024, ranking among the top teams out of over 500 participants.

Amigo - Roommate Finder App | ReactJS, Firebase, Firestore | [GitHub](#)

July-2024

- Engineered a fully responsive website that enables authorized users to post listings and send requests for new roommates.
- Used Google Maps API to show listings on a map, helping users find roommates by location.
- Implemented Firebase Authentication for secure multi-method login, Firestore for the database, and Zustand Library for state management.

UrbanThreads - Ecommerce Website | ReactJS, Node.js, MongoDB, Express.js | [Github](#) | [Live](#)

May-2024

- Engineered a Full Stack website with admin panel for product management and order tracking using MongoDB for data storage.
- Added custom Chatbot and designed responsive frontend and for a seamless user experience.
- Utilized MongoDB, API calls, and Git for database management, data retrieval, and version control.

ACHIEVEMENTS & CERTIFICATIONS

- Led and Completed a \$700 freelance project to streamline fingerprint data extraction and automate Telegram notifications for attendance management.
- Received 85% Merit Scholarship from SRM University AP to pursue a B.Tech in Computer Science and Engineering
- AWS Cloud Technical Essentials by Coursera
 - IAM, VPC, EC2, Lambda, RDS, EBS, Simple Storage Service(S3), DynamoDB, CloudWatch, SNS
- The Joy Of Computing Using Python by NPTEL
 - variable, expression, loop, conditionals, list, tuples, recursion, sentiment analysis, image processing