

# UDDEEPTA RAAJ KASHYAP

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## EDUCATION

### Thapar Insitute of Engineering and Technology

B.E Computer Science and Engineering

August 2021 - June 2025

Punjab, India

### Army Public School Narangi

10+2 (PCM+Computer Science)

April 2013 - June 2021

Assam, India

## WORK EXPERIENCE

### Hamroo Dairy

Freelance Developer (MERN Stack)

June 2023 - August 2023

Remote, Nepal

- **App Development:** Contributed to the development of a dairy management application using React Native, aiming to deliver a user-friendly experience. Also engaged in code refactoring to enhance Developer Experience and maintainability.
- **API Development:** Built the application's backend from the ground up, utilizing Javascript, Node.js, Express.js, and MongoDB. Optimized database queries, resulting in reduced response times and fewer API calls.
- **Features:** Streamlined dairy operations, enabling users to efficiently manage farmers, milk collection, payments, ledgers, dues, and automated bill generation

## PROJECTS

### Vriddhi | Flutter, ReactJS, Firebase | [Github](#) [Link](#) [Demonstration](#)

- Led team that won Smart India Hackathon 2022 by developing Vriddhi, a parent-facing app for holistic growth of children aged 6-12, covering cognitive, psycho-motor, and affective domains.
- Designed and developed interactive games and quizzes, weekly reports, parent and child modes, meditation, and fitness features, resulting in a user-friendly and comprehensive app.

### Auctions | NodeJS, Serverless, DynamoDB, AWS-SES, AWS-SQS | [Github](#)

- Developed microservices-based Auctions backend using Node.js, AWS Lambda, DynamoDB, and AWS SQS for seamless scalability and performance along with implementing serverless architecture using AWS CloudFormation, AWS S3 buckets, and AWS CloudWatch for efficient resource management and monitoring.
- Utilized AWS SQS for asynchronous message processing, enhancing system resilience and reducing bottlenecks.

### LeetCode Leaderboard | NodeJS, ExpressJS, MongoDB | [Github](#)

- Developed a Leetcode scrapper API which displays a leaderboard of people registered to it on the basis of the number of questions they have solved from a particular DSA Sheet

## ACHIEVEMENTS

- RK789 Track Winner in Smart India Hackathon 2022 Software Edition. [Link](#)
- Defence Track Winner Makeathon 4.0, Hackathon organized by MLSC TIET. [Link](#)
- Runners up in Escalade, CTF organized by CCS TIET. [Link](#)
- Runners up in HackTU, a Hackathon conducted by CCS TIET.
- Among Top 5 teams in Business Case Challenge conducted by AIESEC, Patiala.
- Among Top 7 teams in Digital Village Hackathon conducted by GDSC TIET.

## TECHNICAL SKILLS

**Domains:** Back End Development, Frontend Development, App Development, Networking, Linux, Cloud (AWS)

**Languages:** C/ C++, Python, Javascript, TypeScript, MongoDB, PostgreSQL, Bash

**Frameworks and Libraries:** ReactJS, ExpressJS, React Native

## VOLUNTEERING EXPERIENCE

### Google Developer Students Club, TIET

Full Stack Development Mentor

May 2023 - Present