

# Rohith Vatambedu

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## EDUCATION

Bachelor's Degree in Computer Science and Engineering  
**Audisankara Institute Of Technology**

**2020-2024**  
percentage: 76%

Intermediate, MPC  
**Vikram Jr College**

**2019-2020**  
percentage: 73%

Board of Secondary Education  
**Ravindra Bharathi School**

**2017-2018**  
percentage: 85%

## PROJECTS

### Design Space

- Designed and developed **Design Space** a dynamic MERN stack platform facilitating seamless live interactions between designers, clients, and admin, with **real-time chat** and efficient collaboration tools.
- Integrated a robust Stripe payment gateway for secure transactions, alongside JWT-based authentication with **refresh token rotation**, ensuring scalable security and user privacy.
- Reduced landing page load times by 80% using Redis caching.
- Optimized platform performance using **Redis** for session management and MongoDB with Express framework as backend to handle high-volume data efficiently, delivering a smooth and responsive user experience.

### TourBuddy

[Link](#)

- Developed a high-performance **tour booking platform** with **React.js**, **Node.js**, and **MongoDB**
- Implemented **JWT authentication** and dynamic property search for personalized user experiences
- Optimized platform performance, resulting in a **30% increase in user engagement**

### Url Shortner

[Link](#)

- An **URL shortening service** using **React.js** and **Node.js** with custom link analytics
- Implemented **RESTful APIs** for URL shortening, validation, and click tracking functionality

## SKILLS

**Frontend** : React.js, HTML, CSS, SCSS, Tailwind CSS

**Backend** : Node.js, Express.js

**Databases** : MongoDB, Firebase

**Tools & Version Control** : Git, GitHub, Postman

**Languages** : JavaScript, TypeScript

## COURSEWORK & CERTIFICATIONS

- **Data Structures and Algorithms**
- **Full stack Development**: Mern stack development at DCT Academy(bangalore)
- **Certifications** : Meta Front-end developer [View](#) , Google UX design [View](#)

## STRENGTHS & INTERESTS

- **Strengths** : TeamWork (Team lead in final year project group), Presentation Skills, Problem Solving, Creativity
- **Interests** : Coding, Photography, Art, Fitness, Problem Solving