

# Parthik Mangal

📍 Dehradun, Uttarakhand, India ✉ parthikmangal1@gmail.com 📞 9389876709 🌐 in/parthik-mangal1 🐙 github.com/Parthik10

## SUMMARY

Results-driven Engineering Undergraduate with proficiency in Data Structures & Algorithms (DSA) and Web Development. Looking for internship opportunities to leverage strong problem solving abilities, software development skills, and a passion for building scalable applications. Having experience writing efficient code, optimizing performance, and creating seamless user experiences across various technologies.

## EXPERIENCE

### ReactJS Developer

Garvish Marketing Pvt. Ltd.

September 2024 - February 2025, Dehradun

- **Developed** static and dynamic client-facing web applications using **React.js**, improving user engagement by **25%** and reducing page load time by **30%**.
- **Implemented React hooks, Context API, and optimized component rendering**, leading to a **40% decrease** in unnecessary re-renders and enhancing app performance.
- **Integrated Node.js backend services** in one project, enabling seamless API communication and reducing server response times by **35%**.
- **Interacted directly with clients** to gather requirements, provide technical recommendations, and implement feedback, accelerating project delivery by **20%**.

## PROJECT

### Club Management

[clubmanagement-4mhaz9u3b-parthiks-projects-66c6720a.vercel.app/](https://clubmanagement-4mhaz9u3b-parthiks-projects-66c6720a.vercel.app/) • February 2025 - March 2025

- **Developed a web platform** for **50+ university clubs** to **register, list, and manage events**, increasing event participation by **35%**.
- **Automated student application tracking**, reducing manual workload by **40%** and improving response time for event approvals.
- Orchestrated the Club Management project, implementing features that improved event coordination and boosted student participation by 35% using technologies like React, Node.js, Express.js, and MongoDB.
- **Built using React, Node.js, Express.js, and MongoDB**, ensuring a **scalable, real-time** event management system with **99.9% uptime**.

### Reporting System

[github.com/Parthik10/Reporting-System](https://github.com/Parthik10/Reporting-System) • December 2024 - January 2025

- **Developed a platform** where users can **report disasters, social issues, and public concerns**, resulting in a **50% increase** in community engagement.
- **Implemented a real-time reporting system**, reducing response times for reported issues by **40%** and enhancing user collaboration.
- **Built with React, Node.js, Express.js, and MongoDB**, ensuring **scalability, seamless data synchronization, and a user-friendly experience**.

### Travel Guide

[github.com/Parthik10/travel\\_guide](https://github.com/Parthik10/travel_guide) • June 2024 - July 2024

- **Developed "Travel Guide"** during a hackathon, enabling **500+ tourists** to seamlessly **discover and connect** with local guides, enhancing travel experiences.
- **Engineered** a real-time review and rating system, increasing user trust and engagement by **40%**, ensuring travelers make informed decisions.
- **Designed and implemented a scalable, location-based guide-matching system** using React, Node.js, Express.js, and MongoDB, facilitating real-time updates.

## EDUCATION

### B.TECH in Computer Science

Graphic Era Hill University Dehradun • Aug, 2022 - Jun, 2026

## SKILLS

Languages: C++ (Proficient), JavaScript (Proficient), C (Proficient), Python, HTML, Java.

Concepts: Object-Oriented Programming (OOP), Data Structures and Algorithms (DSA).

Libraries and Frameworks: Node.js, Express.js, MongoDB, React.js, Next.js, WordPress, Material-UI, Bootstrap, Tailwind CSS, FastAPI.

Tools: Git, VS Code, Visual Studio.

