

PREETHAM G

Mangaluru, Karnataka

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🌐 PREETHAM Naik

🔗 PreethamNaik12

EDUCATION

National Institute of Technology, Karnataka

B.Tech-Mechanical Engineering, 7.22 CGPA

December 2021 – present

Mangaluru, India

WORK EXPERIENCE

Central Research Facility, NITK 📍

December 2022 – June 2023

Front-End Developer Intern

Mangaluru, India

- CRF is an integral unit of NITK Surathkal, a versatile hub for high-end research, serving the diverse needs of internal, and external users.
- Utilized **HTML**, **CSS**, and **Javascript** to create dynamic and interactive web elements, enhancing website core functionality.
- Collaborated with the team to design, optimize, and ensure a seamless user experience for website interfaces while coordinating with team members to develop various modules, fostering effective collaboration.
- Utilized **Version Control Systems** to streamline teamwork and ensure seamless integration of contributions.

PROJECTS

Incident 📍 | *ReactJS, Ruby on Rails, ThreeJS, Material UI*

February 2024

- Designed and developed an immersive website using ReactJS and ThreeJS for Incident, the annual 4-day cultural festival at NIT Surathkal attracting over 45,000 visitors.
- Crafted a visually appealing and functional user interface with ReactJS and Material UI, including interactive maps using the Leaflet library and a 3D modeled homepage with scroll-based navigation using ThreeJS and React Three Fiber.
- Implemented key website capabilities enabling event registration, pro show ticket bookings, t-shirt sales, and more. The backend was built with Ruby on Rails and integrated with React via the react-rails gem.
- Collaborated with a team of student developers and designers to deliver a high-quality website improving the overall festival experience for attendees.
- Gained valuable experience with React, Ruby on Rails, ThreeJS and creating an immersive web experience on a tight deadline.

Parashu 📍 | *ReactJS, Material UI, REST APIs*

July 2023

- Built Parashu, an AI news platform with summarization and contextual recommendations to transform news consumption.
- The website delivers contextual article summarizations to deepen reader understanding powered by neural networks.
- Ensured scalability by leveraging Vercel and Render for efficient React and Rails deployment.
- Gained significant expertise in integrating AI models within web apps.

TECHNICAL SKILLS

Languages: JavaScript, Python, C++

Developer Tools: Git, GitHub, VS Code, ChatGPT

Frameworks: NodeJS, ReactJS, Next JS, Material UI, Bootstrap

EXTRACURRICULAR

The Institution of Engineers, NITK Chapter

- * Mentored **60+** mentees in a 4-week Summer Mentorship Program. Led project on **Real-Time** Chat app using **ReactJS** and **Firebase**. Developed technical skills, teamwork, and project management abilities.

National Cadet Corps (NCC)

- * Demonstrated exceptional **leadership** and **teamwork** skills through active participation in NCC activities and successfully completing training programs.

Utkirshita Bhatat, NITK

- * Responsible for overseeing media campaigns, managing social media channels, and creating engaging content to enhance the club's online presence and drive community involvement of the club.