

SHLOK PRAJAPATI

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EDUCATION

Thakur College of Engineering and Technology
Bachelors of Engineering in Computer Engineering

Jun 2025
Current GPA: 9.58/10.0

EXPERIENCE

PenguinApps | Proof of Work

Dec 2023 – Mar 2024

Full Stack Developer

React.js, TailwindCSS, Axios, Redux, Node.js

- Developed a REST API using Node.js to fetch data from the Woo-Commerce store for the Flutter Application.
- Increased 60% efficiency of website loading, by implementing state management with Redux in the admin panel, for organizing and tracking product statuses

TCET Open Source

Jun 2023 – Nov 2023

Frontend Developer

Astro.js, React.js, TailwindCSS

- Played a crucial role as a front-end developer, implementing features and improvements in TCET Website
- Implemented interactive counters on the user interface, enhancing user engagement

Codebase Maintainer

Code Review, Communication

- Worked collaboratively & participated in discussions and decision-making processes for project advancements.
- Engaged in thorough code reviews, ensuring best practices in the codebase, and maintaining the code quality.

PROJECTS

StudyNotion | *Typescript, React.js, Node.js, Express.js, MongoDB, Git*

Proof Of Work

- A full-stack learning platform with an intuitive design and seamless user experience, where users can register/sign in and upload their courses or buy new courses.
- Achieved 80% reduction in API response time, by implementing caching in the backend.

Fixit Progressive Web App | *JavaScript, React.js, TailwindCSS, Node.js, Firebase*

Proof Of Work

- Developed a progressive web app for addressing social issues for local communities.
- Enables users to raise and post social problems like social media platforms effortlessly.

FarmEasy | *Typescript, React.js, Node.js, MongoDB, Express.js, PyTorch, Resnet, CNN*

Proof Of Work

- FarmEasy enables Farmers, Public Users and Government bodies to monitor the entire agricultural and farming marketplace of the specific region. It has machine learning models to predict the quality of fertilizers.
- It facilitates an inventory system for the farmers, and a dashboard for the admin. Alongside this, it has been embedded with Google Translate for easy communication.

TECHNICAL SKILLS

Languages: C/C++, Java, JavaScript, TypeScript

Libraries & Frameworks: React.js, Next.js, TailwindCSS, Node.js, Express.js, WordPress, Material-UI

Developer Tools: Git, Github, Firebase, Docker, Postman, Google Cloud Platform, VS Code, Visual Studio

Databases: MySQL, MongoDB, Woo-Commerce

CS Fundamentals: Data Structures and Algorithms, Object Oriented Programming, Computer Networks, DBMS, OS, Software Development Life Cycle(SDLC).

LEADERSHIP AND VOLUNTEERING

TCET Shastra

Feb 2023 – Present

Competitive Programming Head

Leadership, Teamwork, Problem Solving

- Authored over 10 competitive programming and placement-related questions for the Placement Cell.
- Organized and conducted 10+ coding contests specifically for second and third-year students.
- Coordinated a guidance session for 300+ CS students regarding Data Structure & Algorithms and competitive programming.

ACHIEVEMENTS

- Ranked **167th** in 2023 ICPC Asia Amritapuri Double Site Regionals Contest.
- Achieved **CodeChef 3-star** status, alongside with solving 800+ coding problems across Leetcode and Codechef.
- Successfully completed Hacktoberfest in both 2022 and 2023, by solving 4 beginner and 2 intermediate issues.
- Completed the Google Cloud Trivia and acquired 35+ badges: Google Cloud Certification.