TANMAY SHARMA

Undergraduate Student, IIIT Gwalior

@ 927tanmay@gmail.com 📞+91 9549052975
🌐https://tanmay-portfolio.herokuapp.com in linkedin.com/in/927tanmay   github.com/927tanmay

WORK EXPERIENCE

Software Development Intern
Innovaccer
📅 May 2020 – July 2020

- Worked with the Innovaccer's Payer Solution's team to build products Intake and Worklist, with the aim to automate the prior-auth process in the Healthcare industry and built several accessible and modular UI components using ReactJS and ReduxJS.
- Identified and resolved minor bugs, performance and scalability related issues.

Web Developer Intern
WhatsurSkill
📅 February 2020 – March 2020

- Collaborated with UI designers to build the official playstore application for Prographer using ReactJS.
- Built stable, maintainable and reusable ReactJS components for internal use, implemented Redux flow in existing codebase and integrated the REST APIs.

Full Stack Developer Intern
Trybotics
📅 December 2019 – January 2020

- Refactored the code for E-learning website of trybotics to make it compatible for server side rendering to enhance performance upto 90%, designed the REST APIs structure and created documentation formatted in YAML using Swagger.
- Used ReactJS, NodeJS, MongoDB, ReduxJS, MaterialUI, Swagger

PROJECTS

Utility Robot to Combat Fire Breakout
B.Tech. Project under Prof. Joydip Dhar and Prof. Ritu Tiwari
📅 June 2019 - August 2019

- Developed a mobile robot car which is able to extinguish fire independently. Detects fire with the help of 3 IR sensors attached to it covering an angle of 180 degrees.
- Can be controlled using a web application through HTTP requests and performs live video streaming which has been achieved using NodeMCU and other IoT components.

Entry Management System
📅 November 2019 - December 2019

- Designed database schema for the entry management to maintain a record of past and present visitors using MongoDB.
- Implemented trigger email functionality using Nodemailer, SMS using Nexmo API to the host for each visitor and implemented REST APIs using NodeJS for check-in, check-out and logbook of visitors.

Online Weather Station
📅 March 2019 - April 2019

- Built an interactive UI to display temperature, humidity and pressure trends for the next 7 days in the form of charts using React-Sparkline library, ReactJS and ReduxJS.
- Integrated a widget which uses Google's Geo-location API to show map and satellite view of the cities.

EDUCATION

Indian Institute of Information Technology, Gwalior(India)

Bachelor of Technology in Computer Science and Engineering
CGPA 8.08/10.0
📅 2017 – Expected 2021

St. Anselm's North City School, Jaipur

CBSE Board (XII)
Percentage : 89.6%
📅 Grad. 2016

CBSE Board (X)
CGPA 9.4/10.0
📅 2014

SKILL SET

- Data Structures and Algorithms
- Object Oriented Programming, C++, C
- Javascript, HTML, CSS, Bootstrap, Material-UI
- MySQL, MongoDB
- React.JS, Redux.JS, Node.JS, Express.JS
- Arduino IDE, Heroku, Linux, Git, OpenMP

ACHIEVEMENTS

- Got 1st rank in Technical Blog Writing Competition at tech@iiitg, IIIT Gwalior
- Secured 2nd position in Junior Programming Contest at IIIT Gwalior
- Published open source npm package otp-timer having 400+ downloads
- Been a contestant in Sankalp Se Siddhi Panel Discussion organised by MHRD
- Received 1st prize in Jest A Minute (Oratory Event) at IIIT Gwalior

POSITIONS HELD

- **Abhigyan Abhikaushalam Students' Forum, IIIT Gwalior(India)**
  - Technical Head (Aug 2019 - present)
  - Events Coordinator (Aug 2018 - May 2019)
- **Instructor** at inter and intra institute at various technical sessions conducted.
- **Event Management Team,** Infotsav'19 (Central India's Largest Techno-Managerial Fest), IIIT Gwalior
- **Promotions Head,** MOM 2k18 (Technical Fair), IIIT Gwalior
- **Sponsorship Executive,** Aurora'18 (Cultural Fest), IIIT Gwalior