

# Tanushree

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## Summary

Dedicated and efficient full stack developer with experience in application layers, presentation layers, and databases. Worked on both Frontend and Backend technologies. Strong background in project management and coordination with the team to deliver efficient results.

## Skills

### PROGRAMMING LANGUAGES

C, C++, Python

### FUNDAMENTALS

Data Structure, Algorithms, Number Theory, Discrete Mathematics,  
Web Scraping, Web Automation, Debugging

### DATABASES & CONCEPTS

SQL, MySQL, PostgreSQL, MongoDB, ORM, SQLAlchemy

### DEVOPS

Frontend languages, JavaScript, JQuery, ReactJS, React Native, Ajax,  
Flask, Flask-Admin, Flask-SocketIO, FastAPI, Django, Rest APIs, OAuth,  
AWS, Docker, Redis, Heroku, Apache, Nginx, CLI

## Work Experience

### SOFTWARE ENGINEER AND MENTOR | AWAKINN HUB PVT. LTD.

*Jan '21 - Present*

- Working on Internal SaaS product, along with client products.
- Developing Learning management with Flask Framework, JavaScript and MySQL. Along with building innovative REST API Services.
- Efficiently deployed and integrated software engineered by team on AWS EC2 instance and working on integration/deployment scripts to improve continuous integration practices.
- Working and growing with a team of 25-30 coders.

### JUNIOR SOFTWARE DEVELOPER | AWAKINN HUB PVT. LTD.

*May '20 - Jan '21*

- Developing a Learning Management system using the Flask framework. Including features like User Authentication, User Profile and Edit, Analysis of Working Hours and Competitive Question Practice using Charts
- Developing Interface for Admin to control and verify user activities, provide CRUD operation in Database and Employee Role Distribution
- Deployment on AWS server and Worked on Technologies: Flask, JQuery, AJAX, MySQL, ORM, GIT

### MEMBER OF TECHNICAL STAFF | TURNINGIDEAS VENTURES

*Aug '20 - Oct '20*

- Developed static websites and worked with multiple ventures including AFC Furniture Solution
- Worked Content Management System and Blog Managements System
- Integrated Paytm Payment Gateway along with Donation Management and Receipt Generation System.

## TECHNICAL DEVELOPER (INTERN) | BHARAT SHRAMIK

*Jul '20 - Aug '20*

- User Authentication for Worker, Employer, Volunteer.
- Employer Portal for hiring and shortlisting workers.
- Volunteer Portal for managing Employers and verifying employers and workers.
- Admin Portal for managing all user activities.

## Extra-Curricular Activities

- Secretary, Student's Council, JC Bose UST *01/2021 - Present*
- Member of Training and Placement Committee, JC Bose UST *11/2019 - Present*
- Member of Coding Society, JC Bose UST *09/2018 - Present*
- Member of Dramatic Society, JC Bose UST *09/2018 - Present*

## Projects

### CIVIL LIST APPLICATION (FOR MINISTRY OF FINANCE) - 05/2021 TO PRESENT

- Token Based User Authentication using OAuth
- Rest APIs for Search with multiple filters using FastAPI Framework and PostgreSQL Content Management System for Admin
- Deployed on AWS EC2 instance, configured with Nginx server

### PROGRESS MANAGEMENT DASHBOARD- 02/2020 TO PRESENT

- User Authentication, User Profile and Edit.
- Analysis of Working Hours and Competitive Question Practice using Charts.

### ADMINISTRATIVE SYSTEM - 02/2020 TO PRESENT

- Employee Role based Authentication
- Interface to control and verify user activities and Dashboard to provide CRUD operation in Database.

### BLOG APPLICATION WITH REACT NATIVE - 11/2020 TO 11/2020

- Session Based User Authentication
- Features
  - CRUD of posts, along with Like and Comment features and, Search and Follow other users
  - Flask application for APIs and web services, MySQL Database Deployed on AWS EC2 instance

### REAL-TIME CART APPLICATION WITH REACT.JS - 08/2020 TO 08/2020

- Dynamic Cart with Real-time updates using Flask-Socketio.
- Deployment with Docker on AWS EC2 Linux instance.

### TURNINGLIFE FOUNDATION WEBSITE- 08/2020 TO 08/2020

- Static Website with Payment Gateway (PayTM) integration. Website URL: <https://www.turninglife.org/>

### TURNINGIDEAS VENTURES WEBSITE - 08/2020 TO 08/2020

- Static Website with Blog Management System. Website URL: <https://turningideas.com/>

## Education

### BACHELOR OF TECHNOLOGY - INFORMATION TECHNOLOGY (AUG '18 - MAY '22)

J.C. Bose University of Science and Technology, YMCA