Supriyo **Jana**

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"Be the change that you want to see in the world."

Summary

Current System Engineer at TATA Consultancy Services 1+ years experience in the back-end development. Nerd who loves VS Code, Linux, pc gaming and enjoys to customize all of the development environment. Interested in devising a better problem-solving method for challenging tasks, and learning new technologies and tools if the need arises.

Work Experience

TATA Consultancy Services Ltd.   *Kolkata, West Bengal*

SYSTEM ENGINEER   *Aug. 2020*

- Currently woring to upgrade the pre-existing CI/CD pipeline to utilise updated Jenkins version and use modern technologies like JPM, Docker, Kubernetes
- Developed a module using Spring framework and J2SSH Maverick to transfer files between VM and a temporary cloud storage using SFTP protocol and merge the related files based on given conditions.
- Developed a Spring Boot application to alert managers about upcoming leaves fetching data from a shared calendar using REST API and a shared db of employee-manager relationship.

Education

University of Enginnering & Management, Kolkata   *Kolkata, West Bengal*

B.TECH IN COMPUTER SCIENCE AND ENGINEERING   *Jul. 2016 - Aug. 2020*

- Graduated with a CGPA of 9.51

Labpur Jadablal High School (WBCHSE)   *Labpur, West Bengal*

HIGHER SECONDARY (10 + 2)   *2015*

- Passed with overall aggregate 90.5%

Labpur Jadablal High School (WBBSE)   *Labpur, West Bengal*

SECONDARY)   *2013*

- Passed with overall aggregate 94.28%

Projects

NSGA-II Trained Artificial Neural Network in Soil Moisture Quantity Prediction   *UEM, Kolkata*

FINAL YEAR PROJECT   *2019 - 2020*

- We trained our deep learning model using evolutionary algorithm Particle Swarm Optimization (PSO) and genetic algorithm Multi-Objective Optimization using Non-Dominated Sorting Genetic Algorithm (NSGA-II) to overcome the drawbacks of back propagation and gradient descent algorithm and so that we can always locate the global minima.

Customer Tracker application using Spring Boot

- Web customer tracker application using Spring Boot, Spring Data JPA and Thymeleaf

Weather app using HTML, CSS and Javascript

- Weather web app using AccuWather API, date-fns library

Simple Chat app using Javascript and Firebase

- A real-time chat application using Google Firebase and Ajax

Hospital Management System using Flask

- Hospital management system case-study using python3, Flask framework, Jinja2 template, WTForms, Werkzeug CGI library

Honors & Achievements

2020   **Ranked 2732 in Gate 2020**,
2015   **Secured rank in top 20 in 12th board examination**,
2013   **Secured rank in top 10 in 10th board examination**,

Interests and Hobbies

Amateur Photography

- Street, Landscape, Light trails, Portraits

Powerlifting

- Ranked in 3rd place in the last powerlifting meet that I competed

Playing Guitar

- Started learning to play guitar during lockdown in 2020