Tamal Das
Full Stack Software Engineer

Interested in front end and backend development role

Contact Details
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GitHub - https://github.com/tdas-kolkata
LinkedIn - https://www.linkedin.com/in/tamaldas177
Portfolio - https://tamaldas177.herokuapp.com

CERTIFICATION

Certified React Developer
Udemy - 2021

Certified Software Tester
ISTQB Certified
Foundation level – 2019

EDUCATION

Heritage Institute of Technology – Kolkata
B.Tech (Electrical)
2015 June – 2019 June
DGPA – 8.64

Sri Ramkrishna Sikshalaya Howrah
WBCHSE – 12th
Mar 2013 - Mar 2015
Secured Marks 85%

Sri Ramkrishna Sikshalaya Howrah
WBCHSE – 10th
Mar 2011 - Mar 2013
Secured Marks 90%

PROFESSIONAL EXPERIENCE

Tata Consultancy Services – Kolkata
System Engineer – Quality Assurance Analyst
2020 Jan – Now
Joined a Global Quality Assurance team (BASEL) and working for a leading US based banking client .

Roles and Responsibility
Understanding business requirement and prepare test scenarios. Co-ordinate the changes from upstream and propagate them to to downstream .Functional validation of the changes from backend SQL database . *Impact assessment on exposure at default and risk weighted asset based on co-relation matrix .*

Tata Consultancy Services – Kolkata
Assistant System Engineer – Node Backend Developer
2019 July – 2020 Dec
Joined a Node backend development team and worked for a leading US based banking client .

Roles and Responsibility
Plan to extend or create RESTful API endpoints based on the business requirement. Plan and develop optimized SQL to fetch data from backend postgreSQL database and implement the REST API endpoint in Node and Express.

PERSONAL PROJECTS

Indian Equity Market Analyser
Generates the risk return plot as per Modern Portfolio Theory(MPT) in context of Indian Equity Market .The system analyses data of last 10 years for 450 Equity Shares and helps an investor to spot the Efficient Frontier and Capital Allocation Line which help them to construct the optimum portfolio .

COVID Vaccine Center Tracker
Created a simple light weight single page web app which collects data from API Setu (Government of India's Open API initiative) and helps users to find details of local vaccination camps like address, fees ,availability, vaccine types etc. The web app is served by an express server hosted on heroku .

SKILLS

Frontend

HTML5
CSS | Bootstrap
JavaScript | React.js | P5.js

Backend

Node.js | Express.js (Server)
Python | SQLAlchemy
MySQL | PostgreSQL (SQL Database)
MongoDB (Limited Proficiency)

Programming Languages
Python3
JavaScript (ES6 and ES5)
SQL
Java (limited proficiency)

OTHER RELEVENT TOOLS

Pandas (Python)
Linear Regression
Git & GitHub
NPM
Heroku
DBeaver
Atlasian Jira
Excel Pivot
Jupyter Notebook
HP Quality Center

ACHIEVEMENTS

Cleared TCS Codevita-2019 Round-1

Member of winning team in Circuitstics-2016 Jadavpur University Convocation 2016