

KUMAR SAURAV

in: krs4cse · : krs4u · sauravscience@gmail.com · +919852854346 · Mumbai, IN

EDUCATION

University Institute of Technology, Burdwan University Burdwan, WB, IN
Bachelor of Engineering in Computer Science & Engineering, T CPA: 76.8/100 Grad: July 2019


WORK EXPERIENCE

SDE **Lido Learning** Aug 2019 — present

- Implemented major back-end and front-end features for all dashboards and integrated them to improve overall user experience.
- Implemented GraphQL APIs to fetch client-oriented data instead of server-oriented.
- Developed two layer time-based caching for GraphQL APIs using Redis.
- Implemented PubSub for live streaming of data using Ably.
- Have worked on Scaling servers using ECS with zero downtime while deployment.
- Implemented CI/CD pipeline using Jenkins for hassle free deployment.
- Have experience of working on AWS Services like S3, Cloudfront, Lambda, ECS, ELB etc.
- **Leveraged Knowledge:** GraphQL, NodeJS, ReactJS, Python, PostgreSQL, AWS, Hasura, Apollo, Docker, Jenkins, Redis

PROJECTS

Portfolio: krs4u.github.io

 github.com/krs4u

Weather Application

- React based web application to fetch weather on hourly basis.
- Implemented Api to fetch weather of different cities.
- **Used:** Javascript, React JS, REST API.

Stock Price Predictor

- Machine Learning based project to predict stock prices in upcoming days.
- Implemented Time series algorithm (ARIMA) for prediction.
- **Used:** Python, Pandas, Numpy, Scikit-learn.

Online Examination Management System

- Web based project to handle examination processes online to have hassle free system.
- Implemented functionality like registration, login, attendance viewer, fine calculator and submission, issuing of admit card
- **Used:** HTML, Javascript, Php, MySQL, REST API

LEADERSHIP EXPERIENCE

President cum Mentor **The CodeBird** Aug 2016 — May 2019

- The CodeBird is the coding club of UIT Burdwan with main purpose of nurturing the culture inside college.
- Taught programming to 150+ students and helped them to get acquainted with Competitive Programming.

ACHIEVEMENTS

- Selected in SuperX batch of InterviewBit in April 19 among 50 students out of 10000.
- Cracked TechGig Code Gladiators 2019 semifinal with Global Rank 60 (June 2019).
- 4 star coder at Codechef.
- Got ranks into Top 5% in each NPTEL Courses: Data Structures and algorithms in Python by IIT Madras, Machine Learning by IIT Kharagpur scoring 100% in programming.
- Won 3rd prize in the inter college ROBOCOS event at UTKRISHT 2015 (Technical festival of UIT BU).

SKILLS

Languages Javascript, C/C++, Python

Technologies/Frameworks NodeJS, ReactJS, GraphQL, Git, AWS, Redis, Hasura, Apollo, Ably, Jenkins, Docker