

Kaustav Banerjee

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Portfolio : <https://kaustav1996.github.io/>

Employment History

Abhar Technologies & Services Private Limited

Senior Application Developer

Bengaluru , Karnataka

November 2020 - Present

Responsibilities:

- Design and Develop integration frameworks for managing thousands of IOT devices such as smart meters and DCUs .
- Increased scalability of the product to assemble broken message fragments by 200 times.
- Design Integrations and data pipelines between third party applications and SMARTEU Product with zero bottlenecks.
- Design and develop robust, scalable, configurable distributed microservices for product implementations using NodeJS, Flask, Django, Redis, MQTT, Celery, Docker and Docker Compose.
- Design and Develop a new company portfolio website and manage deployments.
- Solve technical problems related to projects of service domain as well.

Wipro Limited

Associate Consultant

Bengaluru , Karnataka

July 2018 - November 2020

Responsibilities:

- Developed REST API's to support integrations and Analytics teams across multiple intranet applications of Tripura State Electric Corporation Limited Smart Grid Project.
- Designed and Developed Health Check and Monitoring system for Report generation on configurable intervals and trigger events for stakeholders and internal teams for Arizona Public Service Utility Project.
- Developed an Electric Load Forecasting Engine using LSTM network.
- Acted as a technical lead to deliver customer requirements related to analytics website and mobile application .
- To provide functional and technical support related to Oracle Utilities Meter Data Management , Oracle Utilities Customer Care & Billing and provide knowledge transfer sessions on Utility domain and automation of processes to reduce any kind of manual effort.
- Developed php based analytics application for Electric Utility
- To participate in the bidding phase as a case study designer.

Awards and Achievements :

- Project won ISGF Innovation Awards 2019
- Won Inspiring Performance Award
- Won award for automation of billing process of TSECL Smart Grid Implementation project.

Techtix , KGEC

*Kalyani , West Bengal
March 2017 - March 2018*

Coordinator of college technical fest

- March , 2018 : Coding Contest based on Reverse Engineering - Decapsulate hosted on the HackerRank Platform.
- March , 2017 : De—Bugging Contest — Bug ofDebug hosted on the CodeChefPlatform.

Brainchange

*Remote
November 2017 - January 2018*

Cloud automation intern

- Developing Unix Scripts for Google Cloud Compute Engine VM instances (OS : Debian 8 , Debian 9 , Ubuntu 14.04 , Ubuntu 16.04 ,Ubuntu 17.04) so that they can be accessed using Windows Remote Desktop (mstsc) or VNC viewer.
- Developing Python scripts using selenium module to automate google chrome browser

Education

Language : *English , Bengali , Hindi*

Kalyani Government Engineering College

B.Tech. in Information Technology

*Graduated - June 2018
Kalyani , West Bengal*

CGPA- 7.45

Projects & Training: -

- *Chatbot for managing Database and Data Analysis using python* : Using Diagflow to process client requests related to queries of database and drawing analysis based on records.
- *ITRA financed IMAGE IDGP* : Used Tensorflow object detection to detect Goat and Pig breed.
- Vocational Training of 28 days on Database Management System using Oracle 1.1 at Globsyn skills.
 - **Training Project: Doctor Booking System** : Maintain a record of patients and doctor profiles along with Admin and User model to check the current schedule of registered doctors and with their revenue generations and accommodate patients accordingly with dynamic update of booked doctor and receipt generation.

Bidhannagar Municipal School

Higher Secondary (12)

*Graduated - June - 2014
Kolkata , West Bengal*

BOARD : West Bengal Council of Higher Secondary Education

73.14% (Aggregate including optional elective and Environmental Education)

75.8% (Best of five)

Bidhannagar Municipal School

Secondary (10)

*Graduated - March - 2012
Kolkata , West Bengal*

82.14%

Professional Skills

Django / Flask, NodeJs , Celery , Flower , Redis , ReactJs , Docker/Docker-Compose , Python , Javascript , HTML, CSS, Shell Scripting , SQL (Oracle , MySQL , PostgreSQL) , PHP , C , Java , Git , AWS - EC2 , Google Cloud Platform - Compute Engine , Google Colab

Core Competencies

Problem Solving, Team-Work, Willingness to Learn , Never giving up.

Hobbies and Interests

- Qualified for **ACM ICPC 2016 Multisite Regionals** and participated in ACM ICPC 2016 Asia Amritapuri Multisite Regionals and secured a **rank 323**
 - Cleared **Codechef Snackdown 2016 qualifiers**.
 - Secured a **rank 615** in **CodeChef Snackdown 2017** pre-elimination round and qualified for elimination round.
 - Qualified for **TCS Codevita 2016** Round 2.
 - **Core Member** of **KGEC Training and Placement Cell 2017** as a representative from IT Department
- ESports Gaming:** Dota 2 , CS 1.6 , CS GO .
- Film Making:** Secured second position in Espektro 2016 in film making contest "Directors cut" as Director and Editor.
- Blog writing:** <http://www.banerjee.life/>
- Other hobbies :** Travelling , Photography , Digital Painting , Playing Ukulele