Debayan Ganguly

Software Engineer with 1+ year of experience, Exploring Opportunities round the World

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EXPERIENCE

Software Engineer	**Milkieway.Inc, California, Remote**	**Mar, 2020 – Present**

Project - Announce (https://announce.today/) – A Platform for your announcements
- Directed remote teams in India dedicated to **application design** and **quality assurance testing.**
- Contributed ideas and suggestions in team meetings and delivered updates on designs and enhancements.
- Technologies: Python, Javascript, Slate, Jekyll, Firebase, Google Cloud Platform, Git, Agile Tool(Jira)

Project - Maia (https://maia.rest/) – A platform for hosting REST-APIs hassle free
- Designed a **model service controller** based Architecture in **Flask**, optimized to give the best performance
- Created **REST-APIs** with functionalities like NSFW image filtering and NSFW URL filtering with 90-94% accuracy.
- Technologies: Python, Javascript, Firebase, Google Cloud Platform, Git, Jira

More Projects: Point: Technologies same as Announce; Project- Every Page: Scrapy(Python), Gohugo(Go)

Software Engineer, Contract	**IoTics.net, Kolkata, West Bengal**	**Feb, 2020 – Mar, 2020,**

Project - Facial recognition based attendance system for Jute mills
- Developed a Face Recognition based attendance system and handed over it with 90% test accuracy
- Provided software and hardware troubleshooting to maintain performance levels

Software Engineer, Intern	**Plumule Research LLP, Kolkata, WB**	**Aug, 2019 - Sep, 2019**

Project - Smart-Business Solution
- Optimized systems response time by **30%** and reliability by modifying existing code
- Responsible for building REST-APIs in PHP (Laravel) and MSSQL

EDUCATION

B. Tech Computer Science and Engineering	Institute of Engineering and Management, Kolkata	2018 – 2022

PROJECTS

- Awesome-ERP - Responsible for writing the Backend apis and creating the infrastructure and deployment
- Flappy-Bird - AI-powered Flappy bird game where a neural network is trained to play Flappy bird on its own. It has a separate interface for training and playing.
- Autonomous Line-Follower capable of covering complex circuits with a good speed.

ADDITIONAL EXPERIENCE & AWARDS

- Open Source Contributor at **Zulip**
- **51 world rank** in CodeChef September Long Challenge 2020
- **3 rd all India rank** holder in Scholastic Test in Mathematical Sciences in computer science, and was honored to attend a 3 days' free workshop at **Chennai Mathematical Institute**
- **3 rd place holder** for making **a fast line following robot**, Technical fest of **Jadavpur University**

SKILLS

- **Languages**: Python, JavaScript, Java
- **Operating Systems**: Linux(Debian based Distros), Windows
- **Databases**: Firebase, MySQL, MsSQL, MongoDB,
- **Frameworks & Tools**: Flask, Scrapy, Django, React, Jekyll, Gohugo, Google Cloud Platform, Docker, Git
- **Others**: Software Engineering, IoT, Machine Learning, Project Management