Sankarsan Bhattacheryya



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# Experience

**Amazon** August 2022 - Present

## *Software Development Engineer*

* Part of Amazon Appstore team
* Provided guidance to developers to help port their apps to WSA.
* Implemented improvements to static and manual tests in app publishing pipeline to increase catalog quality.
* Helped develop Amazon Input SDK to allow developers display help controls on screen
* Fixed policy violations, upgraded dependencies and carried out other OE tasks

**Amazon** January 2022 - July 2022

## *Software Development Engineering Intern*

* Part of Amazon Appstore team
* Implemented units sold functionality for price discount promotions.
* Implemented end campaign notification system for price discount promotions
* Fixed front end bugs on Appstore Promotions Console

**Hyland Software** July 2021 - October 2022

## *R&D Intern*

* Implemented backend of a CV vs Job description analyzer web service
* Created Web API to handle requests/responses
* Used Neural Network to compare a resume against a job description
* Fitness score assigned to resume based on o/p of Neural Network
* Stored the scores in Relational Database table
* Used Task Queue to increase responsiveness
* Followed SOLID Principles and maintained a modular architecture to make the service maintainable and scalable
* Created extensive documentation
* Offered Full-Time Appointment based on internship performance

# Education

**BTech CSE** 2018 - 2022

Heritage Institute of Technology ***DGPA: 9.49***

**Higher Secondary** 2016 - 2018

Jodhpur Park Boys School ***Percentage: 90.2***

# Projects

**Self-Driving Car Simulation Using Genetic Algorithm**

* Created a driving game using PYGAME in Python.
* Implemented self-driving AI using two methods: Genetic Algorithm, Imitation Learning.