Akash Raj

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EDUCATION

AMITY SCHOOL OF ENGINEERING & TECHNOLOGY, GGSIPU
B.Tech. in Information Technology
Aug 2017 -Aug 2021 | Delhi

SPRING MEADOWS PUBLIC SCHOOL
Aug 2015 - Aug 2017 | Delhi

LINKS

Github:// **akashraj98**
LinkedIn:// **akashraj98**
Leetcode:// **akashraj7713**

COURSEWORK

UNDERGRADUATE
Data Structures & Algorithms
Object Oriented Programming
Operating System
Database Management System

CERTIFICATION
Programming with Google Go - **Coursera**
Back-end developer Experience - **Crio.do**
IT Automation with Python - **Google**
Data Structures and Algo - **Devsnest**

PROGRAMMING

- Python • Haskell • Purescript
- Golang • Java • JavaScript
- HTML5/CSS

DATABASE

- MySQL • SQL • Redis

TOOLS & TECHNOLOGIES

- AWS • Git • Postman
- Jira • Kibana • Linux • Grafana

HOBBIES
- Reading • Badmintonn
- Running

EXPERIENCE

JUSPAY TECHNOLOGIES | Software Development Engineer Intern
Aug 2021 - April 2022 | Bangalore
- Integrated CITRUS & CRED Payment gateway APIs in Euler Backend system.
- Designed and implemented Refunds flow for dummy gateway, introducing this helped merchants to integrate faster with juspay
- Added a feature to log refund state at every stage of transaction this helped in reducing no. of merchant tickets related to refund status
- Role involved Debugging manual review refund cases, fixing bugs and resolving merchant tickets
- Worked with refunds team that handles around 1000000 daily refund
- Completed Haskell training, to write code in functional programming style

CLOUDSTUFF | Associate Software Developer Intern
Jul 2019 – Aug 2019 | Noida
- Developed monitoring system in Node.js and Python that monitors cluster of servers running on AWS cloud and sends alerts if a server fails any system check
- Wrote algorithms in Appscript that automate monitoring of websites.
- Wrote documentation and API endpoint for Trackier-tool that tracks ads conversion.
- Learned how to automate different tasks and write API for a software
- Maximised server up-time by detecting problem before any fault

PROJECT

TWITTER HATE SPEECH DETECTOR
Developed web-app that detects hateful users on twitter. It can be used to detect percent of hate on a particular topic.
- Used Twitter Tweepy API to get tweets and make dataset
- Performed vectorization and lemmatization using NLTK library
- Developed a logistic regression based model that estimates whether the given content is hate-speech of not. Visualize results to understand model features and limitations
- Learned predictive modelling algorithms to draw insight from text data

RETAIL CHAIN SYSTEM DASHBOARD
Developed a Dashboard for Retailers to keep a check over their orders and ML derived suggestions and insights to increase revenue.
- Visualize data to show insights and customer segmentation on basis of recent buy item, frequency and money spent
- Used Time series forecasting to predict future sales pattern

EXTRA-CURRICULAR

- HackNSUT 2019 Hackathon: Design and developed fuel monitoring system to minimise fuel scam. Ranked in top 10 among 80 teams
- Activities & Societies: IEEE ASET, ICELL ASET
- Won Max Newyork Life Insurance Scholarship 2010
- HDFC Bank Maritus Scholarship: Gold Certificate
- Participated in 6th Privacy & Security Symposium 2018