AKASH G

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WORK EXPERIENCE

Software Development Engineer Intern
Amazon

Jan 2021 - Present   Chennai, India

- Built services for FireTV devices
- Setup infrastructure and pipelines in AWS
- Built and deployed internal web applications

Software Development Engineer Intern
Madbee Inc

May 2019 - May 2019   Chennai, India

- Built responsive websites using React, Flask
- Automated using Python, Bash
- Set up CI/CD pipelines with Azure DevOps

EDUCATION

Bachelors in Computer Science
Amrita School of Engineering

June 2017 - April 2021   Coimbatore, India

- GPA: 9.3/10 with Academic Distinction
- Member of CSI, ACM and IEEE organizations
- Technical events lead and NSS volunteer

Higher Secondary - PCM+CS
Amrita Vidyalayam

June 2015 - April 2017   Chennai, India

- 93% with Distinction in Physics
- Student academic head

TECHNICAL SKILLS

Programming Languages
- Python, Java, C, C++, Matlab, Lisp

Web Frameworks
- React, NodeJS, Flask, Django, Spring

Machine Learning
- Computer vision, NLP, Time series, RL

Cloud services and Platforms
- AWS, Azure, GCP, Heroku

Database services and Platforms
- SQL, MongoDB, Cassandra, Hive, Pig, OracleDB

ACCOMPLISHMENTS

Hackathons
- Ranked 6th in IIIT-H Megathon
- Ranked 4th in Honeywell SLAC

Competitions
- **Kaggle:** Global Rank 200 with 1 silver medal and 4 bronze medals
- **CTFTime**: India Team Rank 100 by participating in 10+ CTFs every year
- India Rank 500 of 10K+ in ICPC 2019, 2020
- Global Rank below 1K of 30K+ teams in HashCode 2018, 2019, 2020
- India Rank 100 of 10K+ in CSI contest 2019

PROJECTS

Toxic Comment Classification using Transformers
- **Research Paper** published to IEOM 2021

Faculty Dashboard
- **Stack:** React, NodeJS, MySQL, Heroku
- Full stack web application built for faculty

Voice Based Transport Enquiry System
- **Stack:** React, NodeJS, OracleDB, Heroku
- Full stack web application with voice support

COVID-19 Tracker Dashboard
- **Stack:** Flask, HTML/CSS

Image Detection and Text Translation
- Detecting text in images and translating to other languages with deep learning techniques

License Plate Detection
- Extracting license plates numbers from a live video feed with deep learning techniques

Social Outreach Program
- **Stack:** Java, JSP, Servlets, MySQL
- Full stack web application for a generic social outreach program

EXTRACURRICULAR

- **Hosted** AI Adept at Anokha TechFest 2020
- **Hosted** Figure 'em all at Anokha TechFest 2020
- **Volunteered** at NSS from 2017
- **Open Source Contributor** at GitHub
- **Specialization Certifications** in Machine Learning and Deep Learning from Coursera