AKASH G

Software Engineer

https://akashsuper2000.github.io

OBJECTIVE

- Seeking the role of an entry-level data scientist or a web developer and its associated fields in a competitive environment that encourages learning and technical growth

ABOUT ME

- I'm an avid learner and I enjoy solving problems. I specialize in machine learning and web development and everything in tech!
- I'm the type of person who constantly strives to learn new things, explore stuff and solve challenging problems everyday.
- I am most productive in a highly challenging and competitive environment with a goal to solve problems in an innovative and different way.

CONTACT

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WORK EXPERIENCE

Summer Intern

Chennai, May 2019

- Build and develop responsive webpages for the front-end
- Automate various tasks across the company using python and bash
- Assist senior developers with continuous integration and deployment

ACADEMIC BACKGROUND

Undergraduate in B.Tech Computer Science

Amrita School Of Engineering 2017 - 2021

- GPA: 9.3/10
- CSI, T{Know} and ASCII club member
- Technical events coordinator and problem setter

Higher Secondary Education (PCM+CS)

Amrita Vidyalayam, CBSE, Graduated 2017

- Percentage: 93%
- School topper in physics
- Distinction in overall academic performance

Secondary Education

Amrita Vidyalayam, CBSE, Graduated 2015

- Percentage: 90%
- Distinction in overall academic performance

TECHNICAL SKILLS

- Deep Learning and Computer Vision
- Pen-testing at CTF level
- Competitive Programming
- Design and Optimization of Algorithms
- Full stack Web Development
- React, Node.js, Flask
- Database Design and Management
- Cloud Deployment and Maintenance

LANGUAGES

- **English**: Full working proficiency
- **Hindi**: Limited proficiency
- **Tamil**: Native language
- **Sanskrit**: Limited proficiency

WEB PROFILES

- **Hackerrank:** 3 Gold badges and 3 Silver badges
  https://hackerrank.com/akashsuper2000
- **CodeChef**: Max rating - 1900. Global Rank - 2000.
  https://codechef.com/users/akash2000coder
- **CodeForces**: Max Rating: 1604
  https://codeforces.com/profile/akash2000
- **Kaggle**: Competitions Expert
  https://www.kaggle.com/akashsuper2000
- **CTFTime**: Team **exploit_it**: Below 100 Nationally
  https://ctftime.org/team/82868

HACKATHONS

- IIIT-H Hackathon 2017
- Hacktoberfest 2018
- Hactoberfest 2019
- SLAC Honeywell Hackathon 2019

CERTIFICATIONS

- Machine Learning Certification from Stanford University through Coursera
- Deep Learning Specialization Certification from Deeplearning.ai
- Hackerrank Problem Solving, Python, Javascript, React, RESTAPI, Java certifications

ACCOMPLISHMENTS

- **Hashcode 2019 and 2020**
  Ranked 1845 and 2374 respectively of 30K+ participants
- **CSI programming contest**
  Ranked top 100 and received full scholarship for annual convention
- **ACM ICPC 2018 and 2019**
  Ranked 500 nationally consecutively out of 20K+ participants
- **Hacktoberfest 2018 and 2019**
  Contributed to open-source
- **Kaggle ARC challenge**
  Ranked 86 of 1K+ participants and secured bronze
- **Kaggle Ion switching challenge**
  Ranked 147 of 2K+ participants and secured bronze
- **Kaggle Tweet sentiment extraction challenge**
  Ranked 310 of 3K+ participants
- **COVID global forecasting competition**
  Ranked in top 10% consecutively for 5 weeks
- **CTFTime Team ranking**
  Ranked top 100 nationally for the year 2019 and 2020
- **CodeJam**
  Qualified through first round of codejam 2019 and 2020
- **IIIT-H Hackathon**
  Participated and build a multiplayer game in C#
- **SLAC Honeywell Hackathon**
  Participated and built an AI model to predict pick time in warehouses
- **Kaggle M5 Forecasting**
  Ranked top 10% in Accuracy and Uncertainty and secured bronze
- **Connect X competition**
  Built an agent that consistently placed in top 10%
- **Halite competition**
  Built a greedy agent that placed in top 20%
- **AI Adept**
  Hosted a machine learning competition during the techfest 2020
- **Figure 'em all**
  Hosted a challenging multi-domain competition for the techfest 2020

PROJECTS

Faculty Dashboard

Dec 2019 – Mar 2020

- A Full Stack Web application which is a one-stop place for faculty things that include Profile view, Course Management, Leave Management, Recent Announcements and Time Table view.
- Tech stack: MySQL - Express - React - Node
- Deployed on: Github Pages for front-end, Heroku for back-end

Voice Based Transport Enquiry System

Jul 2019 – Oct 2019

- A Full Stack Web application for allowing users to book bus tickets through website or mobile app both with full voice support. It also has an admin interface with included voice support.
- Tech stack: React - Node - OracleDB

COVID-19 Tracker Dashboard

May 2020

- COVID tracker that displays info and insights on national and state-wise data.
- Built on Flask framework and Postman API.
- Hosted on akashsuper2000.pythonanywhere.com

Detecting Text Based Image Using OCR For Translation

Jul 2018 – Dec 2018

- This project is in association with Deep Learning Lab of Amrita University.
- This project is about applying OCR to extract texts from an image which then gets translated to a different language of choice.
- It is achieved through the use of various deep learning and computer vision techniques.

License Plate Detection

Aug 2018 – Dec 2018

- This project is about detecting license plates from a real-time video feed and extracting the license numbers from it.
- Implementation: Detection of the plate, segmentation of characters, OCR on the characters.