Akshat Karani

akshatkarani@gmail.com | +91 8454864451 | Mumbai, India

EDUCATION

INDIAN INSTITUTE OF TECHNOLOGY DHARWAD
B.Tech in Computer Science and Engineering
Grad. April 2021 | Dharwad, India
CPI: 9.0 / 10.00

MUMBAI UNIVERSITY
Class XII
2017 | Mumbai, India
87.08%

SKILLS

PROGRAMMING
•python • C++ • Go
Familiar:
• JavaScript • Java • Bash

WEB DEVEOPMENT
• Node.js • Angular • Express
• Django • CSS • SQL

OTHERS
• Git

EXTRACURRICULARS

- Mentor at Open Source Society - A community at IIT Dharwad to promote open source and coordinate events.
- Represented IIT Dharwad in Inter-IIT Tech Meet 2019 in event of CTF.
- Completed Hacktoferbest 2018, 2019 challenge by contributing to various open-source projects.
- Represented IIT Dharwad in Inter-IIT Sports Meet 2017 as part of the Football team.
- Student Mentor at IIT Dharwad - Helping freshers to adjust to this new life, advice them about academics and hostel life.

LINKS

GitHub:// **akshatkarani**
LinkedIn:// **akshat-karani**
Webpage:// **akshatkarani.github.io**

ABOUT

Final Year Undergraduate, highly enthusiastic to learn new technologies and looking for full-time opportunities.

EXPERIENCE

NVIPANI TECHNOLOGY SOLUTIONS | Intern
January 2021 – Present | Remote
- Working on MEAN stack to develop ShopConnect platform - A virtual showroom with video conferencing capabilities.

GOOGLE SUMMER OF CODE 2019 | with coala
May 2019 – August 2019 | Remote
- Worked as Google Summer of Code Student to develop open-source software for coala.

COALA DEVELOPMENT GROUP | Contributor
November 2018 – Present | Remote
- Member of coala open-source organization, actively contributing in the form of fixing bugs, code review, documentation.

PROJECTS

RANDOMIZED TSP | python
- A python package for solving Travelling Salesman Problem using Randomized Algorithms.
- Implemented Ant Colony Optimization, Genetic Algorithm and Simulated Annealing.

MICRO COMPILER | c++ | flex | bison
- A compiler for MICRO language using flex, bison and C++.
- Implemented variable declaration, expressions and function calls.

TOPIC MODELING USING LDA | python | NLP
- Topic modeling IIT Dharwad broadcast e-mail using Latent Dirichlet Allocation.
- Used gensim's implementation of LDA and used pyLDAvis to visualize the results.

SPORTS EVENT MANAGEMENT SYSTEM | Node.js | Angular
- A sports event management system.
- Back-end in Node.js, front-end in Angular, and PostgreSQL as Database

TENDERA | Django
- A Tenders and business and listing portal.
- Connecting organizations and businesses where organizations can post their requirements and businesses can apply.

MASTERMIND | go
- A version of simple code breaking game Mastermind.
- Implemented Mini-max algorithm to find best guess.