

Aarnav Jindal

B.Tech student (Computer Science)

Patience and Perseverance have enabled my endeavours to solve complex problems and contribute meaningfully to organisations I work with



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WORK EXPERIENCE

Software Development Engineer Cure.Fit

06/2020 – Present

India's largest health and fitness start-up on track to be a Unicorn

Tasks

- Working on react native for mobile app development with an aim of providing seamless user experience while enhancing customer retention and conversion rate for millions of daily international users

Software Development Intern Visa Inc

05/2019 – 07/2019

Tasks

- Developed a web service using Spring Boot to handle parallel file/data transfer with payment gateways and update transfer status in Kafka database

Summer Intern

Defence Research and Development Organisation, India

06/2018 – 09/2018

Tasks

- Undertook cryptanalysis using deep learning to exploit potential probabilistic vulnerabilities in Grain Cipher (V-60) and hence decrypt encrypted strings

POSITIONS OF RESPONSIBILITY

Founding President - D_CODER (08/2018 – 05/2019)

- Established a society to enable holistic development of students by focussing on enhancement of technical skills as well as soft skills
- Encouraged students to participate in hackathons and focus on real life problem solving

Director of Technology - Red Herring Ventures (10/2018 – Present)

- Helped college start-ups from IIT, DTU, SRCC develop business models and provided technical product development guidance
- Partnered with angel investors and incubators to provide access to financial resources and networking opportunities

EDUCATION

B.Tech (Computer Science) Delhi Technological University

2016 – 2020

Passed with First Division with
Distinction

SKILLS

C++

Java

Python

Javascript

NodeJS

React Native

CSS

HTML

MongoDB

MySQL

Android Development

C#

Machine Learning

ACHIEVEMENTS

Smart India Hackathon - 1st position

Used machine learning and image processing techniques to solve the problems of Rodent Detection and Women Hostel Security in government run facilities

Zafin Tech Hackathon - 3rd Position

Innovating and improving mobile banking applications to bridge the gap between customer and bank while keeping the user interface friendly to increase user engagement

Top 3 percentile - Google Kickstart 2019

Achieved global rank 153 out of 5000 participants in Google's prestigious coding competition Kickstart round G - 2019
Handle - devaar100

CodeForces - Candidate Master (Rating 1932)

<https://codeforces.com/profile/devaar100>

Codechef - 6 star (Rating 2225)

https://www.codechef.com/users/dev_aar100

PERSONAL PROJECTS

G-Forms for Google Forms

- An android application deployed on Google Playstore to create, edit google forms and get response from google forms in form of charts
- https://play.google.com/store/apps/details?id=aarnav100.developer.g_forms

Reinforcement Learning Flappy Bird Bot

- Employed Q-Learning and used Neural Networks to learn policy base
- Significantly reduced convergence time by 80% using obstacle distance vector approach
- <https://github.com/devaar100/RL-FlapPyBird>

Database Intrusion Detection System

- Detecting malicious queries in databases using fuzzy mean clustering to validate user roles and sequential pattern mining to generate legitimate transaction patterns
- Ongoing project under Ms Indu Singh, Assistant Professor, Department of Computer Science, DTU

INTERESTS

Economics

Reading/ Writing technical blogs

Sports

Entrepreneurship