



DIVJEET
SINGH JAS



GRADUATE STUDENT
<http://divjeet.me>
djas@ucdavis.edu

ADDRESS

1440 Wake Forest Drive
Davis, California -95616,
USA

CONTACT

+91-9910267214

 @singhdivjeet
 @divjeetsingh

EDUCATION

M.S. (Batch 2021-2023)
Computer Science
University of California, Davis

B.Tech (Batch 2016-2020)
Information Technology
Delhi Technological University
CGPA: 8.2 / 10.0

SKILLS

PROGRAMMING

• Javascript • Python • HTML • CSS
• C++ • Java

FAMILIAR

• Networking • Android • Cryptography • Linux

FRAMEWORK

• ReactJs • VueJs • ExpressJS • NodeJS
• Git • Pytorch • TensorFlow • Keras

DATABASE

• MySQL • MongoDB

EXPERIENCE

MUSHIN INNOVATION LABS

Chief Software Architect & Director
Jun 2020-Present

An integral part of hiring and building company's software team. Additionally, managed a cross platform team for 6, frontend, back end and cloud engineers.

Pioneered the growth of company in software and cloud IoT verticals. Delivered 3 major projects within 6 months of taking charge.

Worked with the Business Development team to establish company's portfolio, expanding the business verticals and investors' pitch.

DELHI TECHNOLOGICAL UNIVERSITY

Research Intern

Jun 2019-Jul 2019

Static analysis of existing and new android applications for extracting security-sensitive features using the Androguard module of python.

Classification of malicious applications using deep learning algorithms like graph convolution network using the Pytorch library of python.

SPICEJET LTD.

Software Engineering Intern
Dec 2018-Jan 2019

Deployed a JAR file on Spicejet server that scheduled a service to send a mail at a particular time while fetching the data from an excel file using Eclipse

Integrated a Restful API (Connected with Remote MySQL database) with a login web portal using Spring Boot.

PROJECTS

CoWIN Notify (May 2021)

[Link](#) ↗ [Code](#) ↗

A simple web application built using MERN stack, that notifies registered users the availability of vaccine slots in real time. This helped more than 1000 users across 27 states in India.

Pokédex (Jan 2021)

[Link](#) ↗ [Code](#) ↗

A digital encyclopaedia of first generation of Pokemons made with React JS, Tailwind CSS and PokeAPI.

COVID19 Dashboard (Sept 2020)

[Link](#) ↗ [Code](#) ↗

A web application built using ReactJS, Chart.js and COVID Time-Series API(Pomber) that shows the dynamics (the curvature of the graph) of coronavirus distribution per country.

AndroCOP (Nov 2019–Jan 2020)

[Report](#) ↗

A lightweight and robust web application developed for the analysis of the APK file provided as an input by the user and interactively show the results to users.

POSITIONS OF RESPONSIBILITIES

DTU BHANGRA, FOLK DANCE SOCIETY
Founder & President
2016-2020

ROTARACT CLUB OF DELHI ASHOKA
Director International Services
2018-2020

PUBLICATIONS

[1] A.Roy, D.S.Jas, G.Jaggi, and K.Sharma. Android malware detection based on vulnerable feature aggregation. *Procedia Computer Science*, 173:345–353, 2020. International Conference on Smart Sustainable Intelligent Computing and Applications under ICITETM 2020 ↗

COMPETITIONS

FOLK DANCE, MIRANDA HOUSE, DU
Secured 2nd position out of 20 teams
2019

INCTF 2018, NATIONAL LEVEL CYBERSECURITY COMPETITION, AMRITA FOUNDATION, KERALA
Secured 8th position out of 360 teams