

Contact

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Top Skills

JavaScript

C++

Node.js

Languages

Hindi

Sanskrit

English

Certifications

Introduction to Programming in C

Developing Soft Skills and Personality

Publications

Custom and secure solutions for implementing a feature request system

Aditya Sharma

The Linux Boy | GSOC'20 @ PSF | LiFT'20 Scholar | Web Performance
South Delhi

Summary

An adaptable and responsible undergraduate student seeking an internship position in the software development industry.

Experience

Google Summer of Code

Software Developer @ Python Software Foundation
May 2020 - Present (4 months)

1. Built a custom and secure feature request system with Koa.js, Strapi and React.js.
2. Used a mix of embedded and referenced relationships optimized for our overall model structure in MongoDB.
3. Secured user authentication system using httpOnly cookies and custom policies and controllers.
4. Used GraphQL plugin in Strapi to reduce server response time from 1500ms to 200ms.
5. Wrote end-to-end and unit tests for client side using Cypress, Mocha and Chai.

The Linux Foundation

Linux Foundation Scholarship
July 2020 - Present (2 months)

I won the LiFT'20 scholarship awarded by The Linux Foundation in the web development category. This scholarship was awarded to 500 students and working professionals across 77 countries. It gives me free access for one year to Linux Foundation eLearning Training in Node.js application development and one Linux Foundation Certification exam, along with free admission to Open Source Summit, North America.

GirlScript Foundation

Group Moderator
May 2020 - Present (4 months)

1. Mentored 100+ students for The Uplift Project for technical roles including Open Source Development and React.
2. Worked with students in a team to help them understand basic JavaScript concepts and apply them in real world open source projects.

Microsoft

Microsoft Student Partner

April 2020 - Present (5 months)

1. Hosted JavaScript webinar with Aditya Agarwal, SDE @ HackerRank on "Game Development using JavaScript" to help students get started with JS in a fun way by building a simple Rock-Paper-Scissors game.
2. Writing weekly technical blogs on Medium sharing my Google Summer of Code experience and tips and tricks to get selected.

GirlScript Summer of Code

Project Administrator

February 2020 - Present (7 months)

1. Maintainer of my project BOSSY, a unique employee management web app for entrepreneurs to help them manage their team, work and schedule meetings.
2. Mentored 100+ engineering students to get started with open source development.

The CodeClub SMVDU

Student Coordinator

August 2019 - Present (1 year 1 month)

Jammu And Kashmir, India

At Code Club, we think all students should have the opportunity to learn to code, no matter who they are or where they come from. We believe in learning through making, and our coding projects offer young people plenty of opportunities to be creative and to share their creations with each other. Here we learn how a community should work together.

EOS Design System

Open Source Developer

January 2020 - April 2020 (4 months)

1. Developed React functional components to migrate the EOS Icons landing page from JQuery to React.js.
2. Implemented logic and error handling to connect client side with icons-picker API to generate and deliver custom fonts.

3. Enhanced UX by providing a compact and easy to customize web interface.

JIIT Open-Source Developers Circle (JODC)

Student Mentor

January 2020 - February 2020 (2 months)

Jaypee Institute of Information Technology

JIIT Month of Code is an online programme by the open-source club of Jaypee Institute of Information Technology, the JODC, focused on introducing students to open source software development and documentation writing. Students will collaborate and contribute to open-source projects under the guidance of mentor(s) for a month during the winter.

Kharagpur Open Source Society (KWOC)

Student Mentor

December 2019 - January 2020 (2 months)

IIT Kharagpur

1. Mentored 50+ students from around the world in a 5-week long online program to get started with open source software development.
2. Participated and contributed in development of various open source projects in the program.

Creative Commons

Open Source Developer

December 2019 - January 2020 (2 months)

1. Feature enhancements to a cross-browser extension to search, filter and use images in the public domain and under Creative Commons licenses.
2. United the web facing the commons by integrating Vocabulary design system in CC-Search extension.
3. Enhanced user experience by 20% to make it more accessible and user friendly.

Education

Shri Mata Vaishno Devi University

Bachelor of Technology - BTech, Computer Science

Engineering · (2018 - 2022)

Delhi Public School, Vasant Kunj

High School, Non-Medical with Computer Science · (2016 - 2018)

