

Dev Kalra

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Summary

Final year computer science student at IIT Indore. Always looking for opportunities to learn something new and challenging. Interested in devising a better problem-solving method for challenging tasks, and learning new technologies and tools if the need arises.

Education

Indian Institute of Technology, Indore

SENIOR, B.TECH. IN COMPUTER SCIENCE AND ENGINEERING

- CGPA (up to 6th semester): 7.9/10

Indore, India

July. 2017 - July. 2021 (Expected)

Work Experience

Microsoft India (R&D) Pvt. Ltd.

SOFTWARE ENGINEER INTERN

- Implemented VSS Extension for the Azure Devops Platform.
- The extension helped in making the on boarding process, of a partner, a lot smoother.
- Accomplished by automating git pull requests.
- Results - less time consumed and an easier process.
- Technologies used: VSS SDK, TypeScript, jQuery, Bulma

Hyderabad, India

May. 2020 - July. 2020

Appointy IT Pvt. Ltd.

PRODUCT DEVELOPMENT INTERN

- Implemented event handler and availability checker microservices.
- Implemented prototype to present the workings of both the services in Appointy I/O.
- Technologies used: Golang, Protobuf, gRPC, ReactJS

Bhopal, India

May. 2019 - July. 2019

Projects

Meshery

- An open source project under Layer5.
- Solved number of issues spanning over the complete architecture.
- Presented and Articulated a number of go tools - go-plugin, grpc-web, buf - that can be used in the Meshery architecture.
- Technology stack: Go, ReactJS, gRPC, Protobuf, Docker, Kubernetes, Service Meshes

Goget - ongoing

- A command line utility similar to wget.
- Goget command can be used to download files over HTTP.
- Technology stack: Go

Digital Music Map

- A map of the city of Indore which will provide us with the details of the music culture in the city and its history.
- Technology stack: NodeJS, MySQL

Library Management software

- An online portal to manage the issuing and returning of books in the library. The portal will also help the librarian in keeping track of the users and fine imposed on them.
- Technology stack- MySQL, Flask, Bootstrap

Technical Skills

Programming Languages

C++, Go, Python, JavaScript, TypeScript, NodeJS

Frameworks

ReactJS, Flask

Others

Bootstrap, Bulma, MySQL, GraphQL, gRPC, jQuery, Bash, Linux, docker, kubernetes

Positions of Responsibility

The Programming Club

CORE MEMBER & PRESIDENT (2019-2020)

- Mentored students to build a medium like blog application in IITISoC'20.
- Organized IITISoC'19, an open source event of IIT Indore.
- Conducted and Organized various workshops on python, web development and linux.

IIT Indore, India

Oct. 2018 - Present

Workshop Team, Fluxus'19

HEAD COORDINATOR

- Organized workshops for students to learn and to create an income for Fluxux'19, IIT Indore's annual techno-cultural fest.
- Managed a team of 40 students.

IIT Indore, India

Oct. 2018 - Feb. 2019

xLabs

MENTOR

- Participated in a competition and was selected as a mentor for the Xlab codecamp.
- Mentored students to build data analysis tools using Flask.

IIT Indore, India

Jun. 2019 - Jul. 2019

Achievements

2019 **Silver Medal**, NeenOpal's Case Study Competition

IIT Roorkee, India

2017 **AIR 1298**, JEE Advanced'17

India