

# Koushik Puppala

# Full Stack Developer | Freelancer

- Raichur, Karnataka, India
- in LinkedIn
- GitHub

- Discord
- **Twitter**
- S Skype

# **Summary**

I am pursuing my B. Tech in Computer Science and Engineering at the Indian Institute of Information Technology, Raichur. As an enthusiastic web developer, I regularly work in that capacity and also head the Google Developer Student Clubs at my college. Currently, I am working on fascinating projects that include the creation of a Discord bot and many full-stack web apps.

I've recently begun exploring TypeScript and Python, which has increased my technical experience and provided me with a good foundation in these languages. Throughout my adventure, I have successfully produced various projects, including basic websites, full-stack web apps, a desktop screen recorder tool, and Discord bots for server customization and enjoyment.

My expertise has provided me with a good understanding of front-end and back-end technologies, allowing me to design unique and user-friendly software solutions. I am careful and strive for perfection in whatever I do. As I progress, I am excited to apply my abilities and expertise as a Full Stack Developer in a professional situation. If you want more information about my work, please see the Projects section below.

#### Education

#### **Computer Science and Engineer (B.Tech)**

Indian Institute of Information Technology, Raichur ☑ 2020 – present | Karnataka, India

#### M.P.C Intermediate

Tirumala Junior College 🗷 2018 – 2020 | Rajahmundry, India

### Certificates

The Ultimate 2022 Fullstack Web Development Bootcamp 🛮

The Complete Full-Stack JavaScript Course ☑

The Complete Front-End Web Development Course ☑

Python for Beginners (2022) ☑

7-days Bootcamp on Server Authentication using Express and NodeJS

C Language 2



# **Web Development**

HTML | CSS | JavaScript

### **Frontend Frameworks**

EJS | React | Next.JS

#### **Backend Frameworks**

Node.JS | Express is

#### **Database**

MongoDB | MySQL | Firestore | Firebase Storage

## Hosting

Replit | Vercel | Heroku | AWS EC2 | Glitch

#### **UI/UX Design**

Canva | Figma

#### **Tools**

GitHub | Git | Firebase | Docker | NPM | Discord

#### Miscellaneous

TypeScript | Markdown | Electron

# ✓ Interests

Open Source | Full Stack Development | MERN Stack Development | Discord Bots Development

Android App Development | Game Development | Artificial Intelligence | Machine Learning

# **Professional Experience**

### **Google Developer Student Clubs Lead**

Jul 2022 – present | Remote

Google Developer Student Clubs ☑

At the Indian Institute of Information Technology, Raichur, I am the lead for the Google Developer Student Clubs for the 2022–2023 academic year. To provide the ideal environment for learning, growth, and connection among students. Students who are interested in Google developer technologies make up our community.

#### **Full Stack Web Developer (Task Lead)**

Feb 2021 – present | Raichur

Indian Institute of Information Technology Raichur ☑

Developed a website with a lot of information about our college. Developed another student portal which has information about Club and Students related Information. Workings as a Full stack Developer in the Public relations team. The Frontend was made using Jekyll and the backend was made using Nodejs, and Express.

### **Full Stack Developer**

Aug 2022 - Sep 2022 | Remote

TGH Technologies Pvt Ltd □

I worked on the front end using React.js technology and the Figma design. I have worked on the back end using Node.js with MongoDB and Firebase push notifications. I added a few features, such as the approval of leave requests by the requested reg. admin and respective manager, as well as a few push notifications in both the front end and back end.

#### **CodeSoc Club Coordinator**

Sep 2021 – Aug 2022 | Raichur

Indian Institute of Information Technology Raichur ☐

At the Indian Institute of Information Technology, Raichur, I am the coordinator of the CodeSoc Club for the 2021–2022 academic year. By organising coding-related events and training sessions, we promote a culture of coding at our university.

#### Frontend (GDSC Core Team)

Sep 2021 – May 2022 | Remote

Google Developer Student Clubs IIIT Raichur ☑

As the Frontend Technical Lead, I am a core team member of GDSC IIIT Raichur. I have worked as a Kotlin Android app development study jam facilitator for our college, which was organised by GDSC India.

# Projects

SafeRideX Mar 2023 – present

Blockchain based Cab Booking System | Mini Project

This is our college Mini Project. It was built using the latest technologies for both the front end and the back end along with the blockchain. The front end was built using Nextjs, Tailwindcss, and Mui. The backend was built using Nodejs and Express. MongoDB as a database and for blockchain Thirdweb was used and in this, we used Typescript and Firebase also.

students.iiitr.ac.in ☑ Jun 2021 – present

Council of Students Affairs Official Website | IIIT Raichur

This is the official website of the Indian Institute of Information Technology, Raichur's Council of Student Affairs. The front end, which was hosted on GitHub, was built with Jekyll. The back end, which was hosted on AWS Lambda, was built with Express. This includes all of the information, events, clubs, and other opportunities that students should be aware of.

iiitr.ac.in ☑ Jan 2021 – present

Official Website | IIIT Raichur

This is the Indian Institute of Information Technology Raichur's official website. Jekyll was used to create the entire website; the backend and database are not currently used. and GitLab has served as its host. We have all of our college's information, activities, and more in this.

## koushikpuppala.com

Dec 2020 – present

My Portfolio | Official Website

My first project, created with the most recent web development techniques. I wrote this using the programming language Typescript. This project is full stack. I created the front end with Nextjs and Bootstrap, the back end with Node and Express, and I used MongoDB to store the contact messages. This GitHub code is open source. You can find this code on my Github profile.

Avengers Assemble ☑ May 2021

Discord Bots website and dashboard

This website and dashboard for a Discord bot have more than 250 commands and are still under improvement. EJS (Embedded JavaScript) was used to build the front end, Node and Express were used to build the back end, and I utilised MongoDB to store the dashboard's data. It has a dashboard so that changing or customising the parameters for the bot will be simple. To access the Discord Bot Dashboard and find the server that they can run on, we are using the Discord Login.

Avenger Bot ☑ Feb 2021

Discord Bot | Multi-purpose

One of my greatest Discord bots, created with Javascript and Discord.js. It features 13+ categories and more than 250 commands. It is an ever-expanding, open-source Discord bot that is totally customisable. A wide range of features are also included, including Welcome and Farewell messages; extensive logging for 37 events; Slash Commands; advanced auto-moderation; audio filters for music plugins; custom playlist support; giveaways; reaction roles; and much more. More than 40 options can be changed!

#### E.D.I.T.H Screen Recorder

May 2021 – Aug 2021

Windows Desktop App

This application for screen recording was made for our semester project. Javascript, HTML, and Electron were used in its construction. Google Drive Authentication and Google Login are available in this application. If the user has signed up with Google, the recorded video will be automatically posted to their Google Drive.

**Discord Bots Lists 100** Mar 2021 – Jan 2022

Bots Lists Website for discord

The greatest Discord bots can be found here, and you may add your own, which will increase the number of servers and make it easier for people to locate your bot. Pug was used to build the front end, Express and Discord Login Integration were used to build the back end, and MongoDB was used to store data.

**Musics\_DJ** ☑ Dec 2020 – May 2021

Discord Bot | Music Player

I created this open-source Discord bot using JavaScript and Discord.js. It has numerous music controls, including volume controls, play, pause, and skip. Both playlist commands and filter commands are plentiful.