

Koushik Puppala *Full Stack Developer*

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🎓 Education

Computer Science and Engineer (B.Tech)

Indian Institute of Information Technology, Raichur ☑

Dec 2020 – present (May 2024) | Karnataka, India

I will complete my graduation in May 2024.

M.P.C Intermediate

Tirumala IIT & Medical Academy ☑

Jun 2018 – Mar 2020

Rajahmundry, Andhra Pradesh, India

🌐 Languages

English, Telugu, Hindi

🧠 Skills

Programming Languages

JavaScript, TypeScript, and Python

Full Stack Development

React, Next.js, Express.js, Node.js and Figma

Database

MongoDB, MySQL and Firestore

Tools

GitHub, Firebase, Docker and Canva

Miscellaneous

Vercel, Heroku, AWS EC2 and Electron

</> Interests

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

👛 Experience

Full Stack Web Developer (Team Lead & Mentor)

Aug 2022 – present | Raichur, India

Indian Institute of Information Technology, Raichur ☑

- Led a team of developers in the achievement of project goals. Fostered collaboration, oversaw allocating responsibilities, and provided guidance and support to team members, resulting in increased productivity and a cohesive work environment.
- Collaborated with faculty, staff, and student organizations to gather requirements and ensure the website met their needs.

Frontend Developer Internship

Jun 2023 – Jul 2023 | Remote, India

MapleMonk Pvt Ltd ☑

- Used Angular for the front end and React for Apache Superset, an open-source project.
- Added features to the front end, such as a support system for both the client and admin versions and theme customization for the dashboard.
- Added features to Superset, such as a custom date picker and theme customization at the dashboard and chart level.

Full Stack Developer Internship

Aug 2022 – Sep 2022 | Remote, India

TGH Technologies Pvt Ltd ☑

- A leave management system with React, Figma, Node.js, MongoDB, and Firebase. Features include approval of leave requests by admins and managers and push notifications.

Full Stack Web Developer (Task Master)

Dec 2020 – Aug 2022 | Raichur, India

Indian Institute of Information Technology, Raichur ☑

- Collaborated closely with a dedicated team to develop and maintain the website, contributing to its success and functionality.
- Provided valuable insights and ideas for improving website design, functionality, and user engagement.
- Quickly learned new technologies and tools, expanded my skill set, and contributed to the team.

Certificates

The Ultimate Full Stack Web Development Course [↗](#) | The Complete Front-End Web Development Course [↗](#)
The Complete Full-Stack JavaScript Course [↗](#) | Python for Beginners [↗](#) | AWS Cloud Technical Essentials [↗](#)

Projects

IIITR Chatbot

Nov 2023 – Nov 2023

Natural Language Processing | Course Project

- A chatbot based on the Feed Forward Neural Network was implemented using Python.
- Designed to assist new students, faculty, and staff in navigating various aspects of college life.

Deep Learning Based Real-Time Traffic Sign Detection & Classification for Self-Driving Vehicles in Smart City

Aug 2023 – Nov 2023

Mini Project

- Deep learning models using TensorFlow for detection and recognition achieve high accuracy and low latency.
- Implemented using RCNN, CNN, and Point++ Network written in Python

SafeRideX

Mar 2023 – Jun 2023

Blockchain-based Cab Booking System | Mini Project

- The app was built with Next.js, Tailwind CSS, and MUI for the front end, and Node.js, Express, MongoDB, Third Web, and Firebase for the backend.

Council of Students Affairs Official Website [↗](#)

Jun 2021 – present

Indian Institute of Information Technology, Raichur

- The website includes information on events, clubs, and other opportunities for students. It uses Jekyll as a frontend.

Official Website [↗](#)

Jan 2021 – present

Indian Institute of Information Technology, Raichur

- This website contains all the information about admission, careers, faculty, research, facilities, etc.

Avengers Assemble [↗](#)

May 2021

Discord Bots website and dashboard

- The Discord bot website is built with EJS, Node.js, Express, and MongoDB. The dashboard allows for easy parameter changes. More than 250 commands are accessible with Discord Login.

Avenger Bot [↗](#)

Feb 2021

Discord Bot | Multi-purpose

- Open-source Discord bot with 250 commands, 40 customizable options, extensive logging, advanced auto-moderation, custom playlist support, giveaways, reaction roles, and more.

E.D.I.T.H Screen Recorder [↗](#)

May 2021 – Aug 2021

Windows Desktop App

- Screen recording app built with JavaScript, HTML, and Electron. It can authenticate with Google Drive and automatically post the recorded video to the user's Google Drive.

Musics_DJ [↗](#)

Dec 2020 – May 2021

Discord Bot | Music Player

- This is an open-source Discord bot using JavaScript and Discord JS. It has numerous music controls, including volume, play, pauses, and skip.

Portfolio [↗](#)

Dec 2020 – present

First Project

- This was my first web development project. It started with basic HTML and progressed to advanced Nextjs code with Typescript. The project is open-source and available on GitHub.

Project India 2021 [↗](#)

Project India 2021 Official GitHub Organization

- India has 50k operational HWCs, and by 2022, 155k SHC, PHC, and UPHC will be converted into HWCs.
- A new technology is being developed to connect HWCs, and an app is being developed to let users find the closest HWCs and get verified information.

Organizations

Google Developer Student Clubs

Jul 2022 – Jun 2023 | Raichur, India

Google Developer Student Clubs Lead

- Led and managed the GDSC Club, a technology community focused on innovation and collaboration.
- Coordinated and supervised club activities to ensure successful execution and impactful outcomes.
- Collaborated with other student clubs and organizations to expand the club's reach and promote interdisciplinary collaboration.

Indian Institute of Information Technology Raichur

Sep 2021 – Aug 2022 | Raichur, India

CodeSoc Club Coordinator

- Coordinated and managed the activities of the Codesoc Club, a vibrant community dedicated to promoting coding culture.
- Organized regular coding workshops and coding competitions, providing valuable learning opportunities for club members. In addition, I managed the club's budget, allocating resources effectively to support club initiatives and events.

Google Developer Student Clubs IIIT Raichur

Sep 2021 – May 2022 | Remote, India

Frontend Lead (GDSC Core Team)

- Led the front-end development initiatives of the GDSC Club, overseeing a team and driving the successful execution of various projects.
- Stayed updated with the latest trends and advancements in front-end development, sharing knowledge with the team, and organizing workshops or training sessions.
- Served as a facilitator for the Android app development study jam by GDSC India.

Declaration

I, Koushik Puppala, passport number U8121917, expiring on March 7, 2031, do hereby declare that the information furnished in this resume is true and accurate to the best of my knowledge and belief. I understand that any false or misleading information may result in my disqualification from the selection process.



Koushik Puppala
Raichur, Karnataka, India