

Koushik Puppala *Full Stack Developer*

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🎓 Education

Computer Science and Engineer (B.Tech)

Indian Institute of Information Technology, Raichur

Dec 2020 – May 2024 | Karnataka, India

- Relevant coursework: Data Structures and Algorithms, Software Engineering, Foundations of Machine Learning, Introduction to AI, Natural Language Processing.
- Completed my graduation in May 2024.

M.P.C Intermediate

Tirumala IIT & Medical Academy

Jun 2018 – Mar 2020 | Andhra Pradesh, India

🧠 Skills

Programming Languages (C, C++, Python, JavaScript, and TypeScript)

Full Stack Development (*React, Next.js, Express.js, Node.js, and Figma*)

ML Utilities (NumPy, Pandas, PyTorch, Keras, TensorFlow, and Scikit-Learn)

Database (*MongoDB, MySQL, and Firestore*)

Tools (*GitHub, Firebase, Docker, and Canva*)

Miscellaneous (*AWS EC2, Firebase Authentication, Vercel, Heroku, and Electron*)

🌐 Languages

English, Telugu, Hindi

</> Interests

Open-Source Development | Full Stack Development

📜 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

👛 Experience

Software Development Internship

Dec 2023 – present | Remote, India

Upraised®

- Contributed to the core vision of the company by implementing a seamless authentication process and setting up payments using Stripe, resulting in a 30% increase in performance, leveraging technologies like React, Typescript, Docker, and Kubernetes.

Full Stack Web Development (Team Lead & Mentor)

Aug 2022 – May 2024 | Raichur, India

Indian Institute of Information Technology, Raichur

- Led a team of developers, offering guidance and support that enhanced team productivity and boosted website performance by 20%.

Frontend Development Internship

Jun 2023 – Jul 2023 | Remote, India

MapleMonk Pvt Ltd

- Implemented a support system and customized the dashboard theme using Angular, which led to a 20% improvement in performance.

Full Stack Development Internship

Aug 2022 – Sep 2022 | Remote, India

TGH Technologies Pvt Ltd

- Implemented a leave management system using React, Node.js, and MongoDB, enabling leave request approvals by admins and managers and integrating push notifications that increased productivity by 20%.

Full Stack Web Development (Task Master)

Dec 2020 – Aug 2022 | Raichur, India

Indian Institute of Information Technology, Raichur

- Collaborated closely with a dedicated team of 10 members to develop and maintain the website, contributing significantly to its success and functionality.
- Enhanced website traffic by 15% through strategic SEO optimization and user-centric design enhancements.

Projects

- IIITR Chatbot** Nov 2023 – Nov 2023
Natural Language Processing | Course Project
- Created a chatbot based on Feed Forward Neural Network to assist new college students, faculty, and staff in navigating various aspects of college life, achieving 99% accuracy in responding to user queries.
- Real-Time Traffic Sign Detection & Classification in Self-Driving Vehicles** Aug 2023 – Nov 2023
Research Project | Mini Project
- Developed deep learning models using CNN for detecting and recognizing traffic signs with 98% accuracy and low latency.
- SafeRideX** Mar 2023 – Jun 2023
Blockchain-based Cab Booking System | Mini Project
- Developed the application's front end using Next.js and Tailwind CSS, and its backend using Express, MongoDB, and Firebase, achieving an impressive performance rating of over 80%.
- Council of Students Affairs Official Website** [🔗](#) Jun 2021 – May 2024
Indian Institute of Information Technology, Raichur
- The website includes information about events, clubs, and other activities.
- Avengers Assemble** [🔗](#) May 2021 – Jan 2022
Discord Bots website | dashboard
- The website uses EJS, Express, and MongoDB. The dashboard allows for easy parameter changes for over 250 commands.
- E.D.I.T.H Screen Recorder** [🔗](#) May 2021 – Aug 2021
Windows App | Electron
- Screen recording app with JavaScript, HTML, and Electron.
- Automatically uploads recorded videos via Google Drive with a 99% success rate.
- Avenger Bot** [🔗](#) Feb 2021 – Jan 2022
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.
- Official Website** [🔗](#) Jan 2021 – May 2024
Indian Institute of Information Technology, Raichur
- This website contains all the information about admission, careers, faculty, research, facilities, etc.
- Portfolio** [🔗](#) Dec 2020 – present (May 2024)
Personal Website | First Project
- This project was built on Next.js and Typescript. The project is open-source and available on GitHub. Increase in performance by 10% compared to its previous version.

Organizations

- Google Developer Student Clubs** [🔗](#) Jul 2022 – Jun 2023 | Raichur, India
Google Developer Student Clubs Lead
- Led the GDSC Club as a lead, focusing on innovation and collaboration within the technology community.
- Coordinate and supervise club activities to ensure successful execution and impactful outcomes.
- Indian Institute of Information Technology Raichur** [🔗](#) Sep 2021 – Aug 2022 | Raichur, India
CodeSoc Club Coordinator
- Oversaw and coordinated activities within the CodeSoc Club, a community dedicated to promoting coding culture.
- Regular coding workshops and coding competitions provide valuable learning opportunities for club members.
- Google Developer Student Clubs IIIT Raichur** [🔗](#) Sep 2021 – May 2022 | Remote, India
Frontend Lead (GDSC Core Team)
- Served as the front-end lead for the GDSC Core Team, executing various front-end development projects and organizing workshops on front-end development trends.