Varun V

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Driven and detail-oriented aspiring technologist with a strong foundation in programming, machine learning, and deep learning. Passionate about building intelligent systems and solving real-world challenges through technology. Quick to adapt, eager to learn, and committed to contributing to innovative projects in a fast-paced, growth-oriented environment.

Education

JAIN (Deemed-To-Be University), Sept 2022 – May 2026
BTech. in Computer Science and Engineering CGPA: 7.5

Technical Skills And Interests

- **Programming Languages:** C, C++, Java, Python, Javascript, PHP, Go
- **Libraries and Frameworks:** Node.js, React.js, React Native, Express.js, Next.js, Vite, Tensorflow, Scikit-Learn, Bootstrap, SpringBoot
- **Tools:** Git, Github, Github Copilot, MS Office, Notion, Postman, Swagger
- **Databases:** MongoDB, MySQL, Oracle, SurrealDB
- **Soft Skills:** Problem Solving, Self-learning, Team Collaboration, Adaptability
- **Languages:** Kannada, English, Hindi

Certifications

- Machine Learning Specialization - Coursera

Publications

Efficient CNN-Based Bone Fracture Detection on X-ray radiographs with MobileNetV2 - IEEE

Developed a bone fracture detection model using MobileNetV2 and CNN

DOI: 10.1109/ICRAIS62903.2024.10811726

Leveraging MobileNet V2 for a quick and precise identification of lung and colon cancers - IEEE

Developed a precise lung and colon cancer identification model using MobileNetV2

DOI: 10.1109/AIDE64228.2025.10986916

Projects

Hangman

Built a cross-platform word-guessing game using React Native and Expo.

Food Recipes

Developed a Food Recipes app using the React Native, Expo framework. It also includes a YouTube video that demonstrates how to prepare the dish along with recipes.

PeerUp *(In-Progress)*

A platform for students to find events and clubs at their university. Built with Next.js and MongoDB

A-Yoga *(In-Progress)*

Developed a real-time yoga pose correction tool using PoseNet to detect key points and compare with perfect postures.