K Vinod Kumar

(Information Technology)

FULL-STACK DEVELOPER

+91 7606945133

vinodkr8833@gmail.com

https://vinod8833.github.io/

https://www.linkedin.com/in/k-vinod-kumar-686738266

Education

CGPA: 7.51

2021-present	**(B.Tech) in Information Technology** *NIST* institute of science and technology (Autonomous), Odisha, Indi*a*	
2019-2021	**XII - CHSE,** City High School, Berhampur, Odisha	66.16 %
2018-2019	**X - Odisha Board,** SRI KARUNAKAR NODAL BIDYAPITHA, Patrapur	64.83%

Professional Experience

Dedicated and skilled Full-Stack Developer with experience in building web and mobile applications. Skilled in using the MERN stack, Django, and React Native to create user-friendly applications. Completed projects include food delivery apps and machine learning tools. Strong understanding of database management and UX/UI design, along with knowledge of JavaScript, Python, and Java. Looking for opportunities to apply my technical skills and work with others to create useful solutions. Eager to learn, grow, and contribute in dynamic environments.

Projects

June 2024-*August 2024* — **Wheels on Meals**
Techvolt Software Private Limited, Coimbatore

Developed a React.js and Django food delivery app with real-time tracking, secure payments, and optimized user recommendations through data analysis.
& document-level graphs, and obtained better performance than simple recurrent and hierarchical models.

June 2024-Sep 2025 — **Django Music Player with Lyrics**
GitHub Project
Built a music player app with Django that displays song lyrics as the music plays, creating an enjoyable and immersive listening experience. This feature lets users follow along with the lyrics in real-time while listening to their favorite tracks.

Oct 2024 - 2025 — **Real-Time Weed Detection System**
NIST University, College Project
Developed an agricultural weed detection system using Deep Learning (DL) and Machine Learning (ML) techniques to support precision farming. Implemented the YOLO algorithm for accurate, real-time weed identification, helping optimize resource use and improve crop health.

Experience

July 2024 - Aug 2024 — **Full Stack Developer Intern (Django),** Techvolt Software Pvt Ltd, Coimbatore
Built responsive web applications using Django, HTML, CSS, and JavaScript, enhancing user experience.
Collaborated with teams to improve backend speed and performance for a smoother user journey.

July 2022 – Present — **NSS Volunteer,** NIST University
Led community service projects, organizing events that actively engaged participants and supported the needs of the local community.

Courses

Data Structures using C, NIST Institute of Science and Technology
Completed a two-week internship on advanced C programming and data structures, gaining hands-on Experience in complex programming techniques.

Full Stack Development Certificate, NIST University
Completed an intensive Full Stack Development course from June 3 to June 25, 2024, focused on both front-end and back-end tech. Gained skills in web development, earning certification for dedication and hands-on learning.

Skills

Languages: C++, C#, Java, Python, HTML, CSS, Javascript, Web Assembly

Tools: Android Studio, Git, Bootstrap, jQuery, Google Cloud, AWS

Libraries： DJango, scipy, pandas, sklearn, keras, tensorflow, pytorch, flask

Achievements

I attended a **React.js workshop** at NIST University in 2024, where I enhanced my web development Skills, particularly in building dynamic user interfaces using React.js. Additionally, I participated in an **IBM Workshop** focused on solving real-world technology problems, which helped me gain practical insights into innovation and problem-solving. To further develop my expertise, I completed **Google Cloud Qwiklabs** & the **Generative AI Study Jam** in 2024, where I gained hands-on experience in cloud computing and AI technologies,expanding my knowledge in these rapidly evolving fields.

Extra Curricular Activities

React.js Workshop Attended a workshop focused on web development with React.js, enhancing my skills in front-end technologies and modern web frameworks.

Volunteer Took part in organizing and supporting local community activities, promoting social well-being and contributing to the betterment of society

Google Cloud Qwiklabs & Generative AI Study Jam Completed hands-on exercises and participated in learning sessions related to cloud computing and AI technologies, boosting my knowledge in these advanced fields.

Sports Actively participate in various outdoor sports, focusing on teamwork, physical fitness, and leadership development.

Languages

English,Hindi, Odia, Telugu

Hobbies & Interests

I enjoy movies and music for relaxation, & I'm passionate about traveling to explore new cultures. I'm eager to learn new technologies and programming languages while staying active in sports to maintain fitness and foster teamwork.