

Krishay Nair

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EDUCATION

MCT's Rajiv Gandhi Institute of Technology

Bachelor of Engineering in Computer Science

Dec. 2021 – Present

Andheri, Mumbai

- **Coursework:** Data Structures, Algorithms, Databases, Computer Systems, Machine Learning
- **Research:** Actively researching **disease detection in mango leaves and blockchain-based complaint systems, guided by Dr. Sharmila N. Rathod**. Aiming for publication by February 2024, these research demonstrate my dedication to advancing knowledge and academia.

EXPERIENCE

IIT Bombay(Education Technology Department)

Web Developer

Aug. 2023 – Present

Online

- Lead the design and development of a user-centric frontend for the Student Query-Driven Learning platform at IIT Bombay, resulting in a **30% increase in user engagement** and a **25% reduction in page load times**.
- Ensure a seamless user experience across devices and browsers, **achieving 100% compatibility** in all devices
- Reduced frontend-related bugs by 15% through rigorous testing and debugging.

Scope For Change (NGO)

LinkedIn Marketing

Aug. 2023 – Sept. 2023

Online

- **Increased LinkedIn followers by 35%** within the first month.
- Achieved a **25% increase in post reach and engagement** after analyzing and adjusting posting times.
- Strengthened my communication skills, evident in the improved engagement metrics and growing professional network.
- My internship at Scope for Change not only enriched my marketing and communication skills but also provided a platform to support a noble cause.

Communicore Fiberinfra Private Limited (CFPL)

Web Developer

Feb. 2023 – Aug. 2023

Maharashtra, Versova (Hybrid)

- Collaborate with a colleague to design and build the complete website for Communicore Fiberinfra Private Limited (CFPL), delivering a fully functional website within the agreed-upon timeline
- **Achieved a 30% reduction in page load times by optimizing code and assets**, enhancing user satisfaction and SEO ranking
- Ensured the website is responsive, resulting in a mobile-friendly design with an optimal user experience across devices and browsers
- Deliver a website with minimal errors or issues, **achieving a 95% bug-free experience** based on testing and debugging

EasyCompany

Software Development Intern

Nov 2022 – Jan 2023

Online

- Led the design and implementation of multiple web pages, ensuring a seamless user experience.
- Generated design mockups and wireframes for review and feedback.
- **Achieved a 20% reduction in bounce rates** by implementing responsive design techniques.
- **Increased user engagement by 15%** through improved page load times.
- Successfully met all project deadlines and milestones.

PROJECTS

AyurLeaf AI

- This system helps in accurate detection of Medicinal Plants.
- This system, currently is based on Convolutional Neural Networks (CNNs), is scheduled for an upgrade, with the potential integration of either the ResNet-50 or EfficientNet B5 architecture.
- **Technologies Used :- Python , TensorFlow , ML algorithms , Streamlit**
- For more Details :- [Devfolio](#) , [GitHub](#) , [Youtube](#)

Diabetes Prediction system

- The system uses various health-related features and patient data to make predictions and provide early warnings, ultimately improving the early detection and management of diabetes.
- **Technologies Used :- Python , TensorFlow , ML algorithms , Streamlit**

NextGen Complaint System

- The complaint system built on the Polygon blockchain leverages the robustness and transparency of blockchain technology to enable users to securely register and track complaints.
- **Technologies Used :- ReactJs , HTML , JavaScript , Tailwind CSS , Solidity , Web3**
- For more Details :- [Devfolio](#) , [Github](#)

Icarus Website

- This is a user-friendly website. Crafted in React.js, this sleek platform is your gateway to RGIT'S Technical Fest, Icarus.
- **Technologies Used :- ReactJs , HTML , JavaScript , CSS , GSAP**
- For more Details :- [Website](#) , [Github](#)

GDSC-RGIT Website

- This is the website I created for GDSC(RGIT). this Website is built on ReactJS , Styled components and some other styling libraries. This is a community informative website to showcase events and details about the community ..
- **Technologies Used :- ReactJs , HTML , JavaScript , CSS , GSAP**
- For more Details :- [Website](#) , [Github](#)

SKILLS

Languages : C / C++ , Python, JavaScript (React.js), HTML/CSS, SQL, TensorFlow , R language , Streamlit

Tools : Figma, Canva, Google Analytics, GitHub

EXTRA-CURRICULAR ACHIEVEMENTS

- I had the privilege of leading my team in the Hackathon hosted by Fr. Conceicao Rodrigues College of Engineering, Bandra, where we ventured into the challenging domain of Blockchain technology. My team's dedication and innovative approach were rewarded with the prestigious "**Best Social Impact Award**" at the event.
- was part of the organizing team of my college's Hackathon, Recursion 2.0. My role involved making sure everything ran smoothly and participants had a great experience. This experience helped me develop important organizational and leadership skills while contributing to the event's success.
- had the privilege of leading my team in the Ideathon competition at I.I.I.T. Pune, where our collective efforts and innovative ideas propelled us into the prestigious **Top 10 positions**.
- Won the **Best Fresher's Team** prize in OUT-OF-CONTEXT (Design Hackathon).

AREAS OF EXPERTISE

Artificial Intelligence and Machine Learning , Web development , Python , C++ , R Language .