

Krishay S. Nair

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EDUCATION

Bachelors of Engineering in Computer Science

Jan 2021 - Jun 2025

University of Mumbai, Mumbai, India

CGPA: 8.41

- **Relevant Courses:** Data Structures, Design and Analysis of Algorithms, Object Oriented Programming, Operating System, Machine Learning, Blockchain, Artificial Intelligence, Big Data Analysis, Cryptography and System Security, Database Management Systems.

EXPERIENCE

IIT Bombay (Education Technology Department)

Mumbai, IN

Full Stack Developer

Aug 2023 - Feb 2024

- Architected MERN-stack Student Query-Driven Learning platform with microservices architecture, achieving 99.9% uptime and 30% increased engagement across 1000+ daily users; implemented real-time collaboration using Socket.io and Redis caching, reducing response times by 45%.
- Engineered secure authentication system using JWT/bcrypt with MongoDB Atlas, resulting in 40% improved security metrics; developed responsive UI using Material-UI and Tailwind CSS, ensuring 100% cross-browser compatibility and 25% faster page loads.

Communicore Fiberinfra Private Limited (CFPL)

Mumbai, IN

Frontend Developer

Feb 2023 - Aug 2023

- Spearheaded development of telecom infrastructure platform using React.js/Vite/Tailwind CSS, implementing responsive designs that boosted mobile engagement by 45% and reduced load times by 30% across 500+ daily visitors.
- Developed 20+ reusable components using React hooks and Context API, achieving 35% faster development cycles; implemented GitHub Actions CI/CD pipeline with 98% test coverage, reducing deployment time by 40%.

EasyCompany

Mumbai, IN

Frontend Development Intern

Nov 2022 - Jan 2023

- Engineered pixel-perfect React.js components from 30+ Figma designs across 15+ breakpoints, achieving 99.9% design accuracy and 40% faster development cycles; implemented styled-components resulting in 20% lower bounce rates.
- Developed modular design system with 25+ TypeScript components, improving Core Web Vitals by 30%; optimized performance through code splitting and lazy loading, reducing First Contentful Paint by 45%.

ACADEMIC PROJECTS

Dak | Next.js, Tailwind, Django, PostgreSQL

[GitHub](#)

- Developed SIH 2024 winning philatelic distribution system with priority algorithms improving resource efficiency 65% and analytics dashboard accelerating decisions 40%.
- Revolutionized stamp access nationwide, eliminating barriers for 100,000+ users while reducing administrative costs 45% through automated inventory forecasting.

LegAlly | React, NodeJs, GenAI

[Live Link](#)

- Engineered an AI-powered legal assistant that accelerates document translation, case research, and drafting, reducing lawyers' workload by 60%.
- Optimized NLP-driven legal document search and summarization, cutting case research time by 70% and enhancing law firms' efficiency.

Learnify | Next.js, Tailwind, Django, PostgreSQL, Tableau

[GitHub](#)

- Built an AI-driven education platform with NLP-powered resume scanning and adaptive interview simulations, boosting job readiness by 65% and cutting screening time by 50% for 10,000+ users.

Dori | Next.js, Django, Tailwind, PostgreSQL

[Live Link](#)

- Orchestrated an AI-driven e-commerce platform for Indian artisans, increasing global sales by 70%, optimizing inventory management by 60%, and enhancing diaspora engagement across 100+ countries.

SKILLS AND INTERESTS

- **Programming Languages:** Java, Javascript, Typescript, Solidity, Python, Shell, Go (GoLang), C#
- **Web Technologies:** TailwindCSS, Spring Boot, Maven, ReactJS, NodeJS, NextJS, VueJS, EtherJS, MaterialUI, AntDesign, Shopify, Google Cloud Platform, Java Hibernate, Hyperledger Fabric
- **Databases & Tools:** Redux-Toolkit, MySQL, MongoDB, DynamoDB, PostgreSQL, Kafka, Git, GraphQL
- **Softwares, OS & IDE:** Eclipse, Remix, Hardhat, Ganache, Truffle, Linux, Django, Ubuntu, IntelliJ
- **Platforms:** Firebase, Heroku, Netlify, Github Pages, Ethereum, Polygon (Matic), EC2, Lambda, AWS, Azure
- **Devops:** Docker, Kubernetes, SonarQube, Jenkins, Github Actions, Ansible, Prometheus, Terraform

EXTRA-CURRICULAR ACHIEVEMENTS

- **Technical Achievements:** Smart India Hackathon 2024 Winner, Quasar 2.0 Runner-up, CRCE Hackathon "Best Social Impact Award", IIIT Pune's Ideathon Top 10; expertise in blockchain and full-stack development.
- **Leadership:** President of DataMatrix (500+ members); Led LinkedIn marketing at Scope for Change NGO; Organized 10+ technical workshops and environmental initiatives.