

Krishna Kumar

Software Developer — Problem Solver — Open Source Contributor

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Education

Dr. A.P.J. Abdul Kalam Technical University, Lucknow, India

Bachelor of Technology in Computer Science and Engineering

Aug 2023 – Aug 2027

Relevant Coursework: Data Structures, Algorithms, DBMS, Operating Systems, Software Engineering

Technical Skills

Languages: Java, Python, JavaScript, TypeScript, C, SQL

Frontend: React, HTML, CSS, Tailwind, Bootstrap

Backend: Node.js, Express.js, Spring Boot, REST APIs

Databases: MongoDB, MySQL, Supabase, Firebase

Tools & Platforms: Git, GitHub, Linux, VS Code, JDBC, Razorpay API, Google Maps API, Formspree

Core Areas: DSA, OOP, Full-Stack Development, System Design, Authentication, Open Source

Projects

Online Doctor Prescription System

2025

React, Firebase Auth, Supabase, Formspree

- Built a secure web platform for doctors to create and manage digital prescriptions
- Implemented Firebase authentication for role-based access (doctor/user)
- Used Supabase as a scalable backend database for medical records
- Integrated Formspree for user feedback and error reporting

Online Near Doctor – Location-Based Healthcare Platform

2025

Google Maps API, JavaScript, Real-Time Location

- Developed a real-time location-based system to find nearby doctors and hospitals
- Displayed live user location with nearest hospitals, doctors, and contact details
- Added features for blood donation, organ donation, and nearby blood bank discovery

OpenDiscover – Open Source App Discovery Platform

2025

TypeScript, Web Platform

- Built a Play Store-like platform exclusively for open-source applications
- Enabled users to upload applications and link GitHub repositories
- Designed discovery feeds to showcase new and trending open-source apps

QuickShop – Full Stack E-Commerce Platform

2024

React, Node.js, Express.js, MongoDB, Razorpay

- Developed a full-featured e-commerce application with authentication and admin dashboard
- Integrated Razorpay UPI payments and optimized MongoDB queries for performance

AI Medical Assistant

2024

TypeScript, React, AI Integration

- Built an AI-powered assistant to provide medical guidance and healthcare information
- Focused on maintainable UI using TypeScript and modular React architecture

Student & Bank Management Systems

2024

Java, MySQL, JDBC, C, Data Structures

- Developed CRUD-based academic and banking systems with optimized search logic
- Improved query performance by 40% using efficient data handling techniques

Achievements

- Solved 100+ DSA problems on LeetCode (Easy–Hard)
- GitHub Achievements: YOLO, Starstruck, Pull Shark, Quickdraw

- Active open-source contributor with multiple public repositories

Certifications

- HackerRank: Java, Python, SQL (Basic to Advanced), Problem Solving
- Node.js + Express.js + MongoDB – KNOWLEDGEGATE
- React & Redux – Complete Coding
- GitHub Copilot & Prompt Engineering

Open Source & Community

Open Source Contributor

2024 – Present

GitHub Community

- Maintain and contribute to repositories focused on Java, Full Stack, and Android tooling
- Created documentation and curated collections for Android system customization tools