Krish Kumar

Software Engineer

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PROFESSIONAL SUMMARY

Bachelor of Engineering in Computer Science and Engineering, 2026, Cumulative Grade Point Average (CGPA) 8.28/10.00. Java, Object-Oriented Programming (OOP), React, JavaScript, HTML, CSS, REST APIs, and Git. Almost 1 year at Wayfair in Bangalore (5+ React screens, 4 Java REST APIs, Jest 0 to 410) and at Connect2Roots (50+ APIs, 4 React portals). Unit tests, production debugging, work with product managers. Flipkart GRiD 7.0 National Semi-Finalist (top 0.4% of 160,000+).

EDUCATION

Thapar Institute of Engineering and Technology, Patiala, Punjab, India **September 2022 - June 2026**

Bachelor of Engineering in Computer Science and Engineering | *CGPA: 8.28/10.00*

Coursework: Object-Oriented Programming (OOP), Data Structures and Algorithms (DSA), Database Management Systems (DBMS), Operating Systems, Computer Networks

Vikash Residential School **March 2019 - March 2021**

Higher Secondary (Class 12), Physics, Chemistry, Mathematics (PCM), Central Board of Secondary Education (CBSE) | *Score: 93.40%* | *JEE Main: 96 percentile*

WORK EXPERIENCE

Software Engineering Intern, Wayfair, Bangalore, India **January 2026 - June 2026**

PMS / Price Management. Internal tools used by pricing analysts and product managers.

Tech: Java, JavaScript, TypeScript, React, HTML, CSS, REST APIs, Jest, GCP Cloud SQL, Redis, Liquibase, Git, Jira

- Finished 40+ pull requests (PRs) in 6 production repositories. Launched 5+ TypeScript/React screens (Pricing Run, Label Management, CostCompass, Audit, Release Version) against Java REST APIs.
- Turned label input from free text into a constrained multi-select so filters and reviews no longer took arbitrary strings.
- Stood up 4 self-serve Java REST APIs for release versions on Google Cloud Platform (GCP) Cloud SQL, and copied each write into Redis so the UI did not read a stale cache row.
- Drove Liquibase schema changes and Swagger contracts across 2 microservices. Frontend and backend payload mismatch was logged as a service bug, not patched in the client.
- Pinned down production failures across UI, API, and data: duplicate permission calls, an adjustment set with no queue association, and data-transfer-object (DTO) drift. Brought Jest from 0 to 410 passing tests in 60 suites before the next release.
- Recorded API and operator notes on Role-Based Access Control (RBAC), labels, audit history, and release versions for people running those flows.

Software Engineering Intern, Connect2Roots Foundation, Bangalore, India (Remote) **June 2025 - July 2025**

Career Guidance Platform. Project owner after the intern window, with senior mentors on design reviews.

Tech: JavaScript, React, HTML, CSS, Node.js, Express.js, PostgreSQL, Sequelize, JSON Web Token (JWT), REST APIs, Git, GCP

- Constructed the career-guidance backend: 12 PostgreSQL schemas, 50+ REST APIs for auth, discovery, availability, and bookings, and 4 React portals on those contracts.
- Set 7 to 8 persisted onboarding steps, email one-time password (OTP), and a 4-state mentorship workflow. Denied overlapping booking requests so two sessions could not share a slot.
- Wired JSON Web Token (JWT) and Role-Based Access Control (RBAC) across 4 roles (Super Admin to Admin to Mentor/Mentee). Issued mentor and mentee documents as signed URLs instead of public storage paths.
- Became project owner after the intern window: 9 migrations, 23 unit and regression tests, GCP production deploy, and a written handover.

PROJECTS

EventEase **September 2024 - October 2024**

JavaScript, Node.js, Express.js, MongoDB, Mongoose, JWT, bcrypt, REST APIs | GitHub

- Spun up a booking backend with JWT and bcrypt, 3 MongoDB schemas, and role middleware that split organizers from providers across 6 service categories and 16 views.
- Listed REST routes (20+) for date-range overlap and busy dates. Booking state moved pending to confirmed or rejected. Verified the path with 12+ smoke tests before release.

AI Human Text Classifier (Capstone) **February 2025 - December 2025**

Python, spaCy, NLTK | GitHub

- Collected the dataset and the Python (spaCy, NLTK) pipelines that emit 560+ linguistic features for AI-generated vs. human text, including lexical diversity and authenticity cues.
- Calculated those features on a repeatable pipeline. Serving app and model training were other teammates' work.

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, Python, Object-Oriented Programming (OOP), C, C++
Web: React, HTML, CSS, REST APIs, Swagger / OpenAPI, JSON Web Token (JWT), Role-Based Access Control (RBAC)
Testing and delivery: Jest, unit tests, regression tests, Git, GitHub, Jira, Software Development Life Cycle (SDLC), production debugging, Postman, technical docs
Data and run: PostgreSQL, SQL, Redis, MongoDB, GCP Cloud SQL, Docker, Liquibase, Sequelize, Mongoose, Node.js, Express.js

ACHIEVEMENTS

- **Flipkart GRiD 7.0.** National Semi-Finalist. DSA, top 0.4% nationally (700 of 160,000+) across 3 rounds (August 2025).
- **Merit Scholarship.** Thapar Institute, INR 1,50,000 for JEE Main merit at 96 percentile (September 2022).