

RAHUL KUMAR

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Professional Summary

Full Stack Engineer with **2 years** of experience working across **Angular** and **NestJS**. I focus on building tools and platforms that make teams faster and workflows smoother — from cutting campaign setup time by **93%** to setting up AI-powered PR reviews. Experienced with CI/CD pipelines, automation, and mentoring, with a track record of simplifying complex problems and delivering results with cross-functional teams.

Technical Skills

Frontend: Angular (RxJS, NgRx, Reactive Forms, Lazy Loading, Micro-frontends), **TypeScript**, HTML, CSS

Backend: NestJS, Node.js, Express.js, REST APIs, Microservices, GraphQL (basic)

Databases: PostgreSQL, MySQL, MSSQL, TypeORM, Redis

Testing: Playwright, Jest, Unit Testing, E2E Testing, Coverage Reporting

DevOps/Tools: Docker, Docker Compose, Bitbucket Pipelines (CI/CD), Git/Bitbucket, Jira (JQL), Swagger, Postman

Other: Agile/Scrum, Collaboration, LLM-assisted PR Review

Experience

Epsilon

Aug 2023 – Present

Software Engineer

Bangalore, India

- Created and integrated the **Campaign Builder Automation (CBA)** tool, slashing campaign setup time by **93%** (from 3–4 hours down to 15 minutes) and saving the equivalent of over 7 full-time employees' worth of work each year.
- Developed **Auto Assigner**, a Jira-based tool using **NestJS** to automatically route **4,000–5,000 tickets/month**, cutting triage time by **80%** and ensuring a more balanced distribution of work.
- Built and maintained internal automation platforms with **NestJS + Angular**, supporting **10+ teams globally** and reducing repetitive manual workloads by around **40%**.
- Implemented an **LLM-powered PR review** system by integrating **Bitbucket** with large language models, enabling faster and more consistent code reviews with automated fix suggestions.
- Enhanced the **Deckorator** platform using **Playwright** and YAML to standardize deck creation processes, saving over **60 hours per month**.
- Restructured a bloated **Angular** codebase into **micro-frontends** with **lazy loading**, improving performance and maintainability; initial load times by **30%**.
- Split a monolithic **backend API** into **modular services**, making the system more scalable and future-friendly; reduced average response times by **25%**.

Projects

Slate — Angular, RxJS, Node.js, PostgreSQL

- Developed a web app to generate conflict-free course timetables; tested successfully with faculty across multiple courses.
- Cut manual scheduling effort by around **80%**, making the process much faster and less error-prone.

Infor — Angular, NestJS, TypeORM, MSSQL

- Built a role-based student/faculty data management platform with CSV bulk upload support and automated notifications.
- Streamlined the way information was distributed across the college, reducing friction for both staff and students.

Smart Campus ID — NestJS, REST APIs, PostgreSQL

- Created a centralized ID platform with distributed access control for over **500 users**.
- Designed scalable **APIs** and **database schemas** to support role-based permissions and smooth future growth.

Achievements

Runner-up — **Epsilon Hackathon (2024)**: Built an AI-driven terminology mapping system that was adopted across teams, cutting down manual mapping errors.

Education

Nitte Meenakshi Institute of Technology (NMIT)

B.E. in Computer Science — CGPA: **8.03**

2019 – 2023

Bangalore, India