Rahul Kumar

Bangalore, India | (+91) 8637896994 | rahkumar9993@gmail.com | linkedin.com/in/rahul-kumar-2b5035212

Professional Summary

Full Stack Software Engineer with 2 years of experience designing and developing scalable web applications, RESTful APIs, and automation solutions using NestJS, Angular, and PostgreSQL. Strong background in microservices, Agile/Scrum methodologies, and cross-functional team collaboration. Proven record of reducing manual workloads and driving efficiency with automation and process optimization.

Technical Skills

- **Backend:** NestJS, Node.js, Express.js, RESTful API Development, Microservices, Docker

- **Frontend:** Angular, React, TypeScript, HTML, CSS

- **Databases:** PostgreSQL, MySQL, Microsoft SQL Server (MSSQL), TypeORM

- **Testing & Automation:** Playwright, Postman, Jest, Unit Testing, API Testing, Code Quality Automation

- **Tools & Other:** Agile/Scrum, Bitbucket, Jira (JQL), API Integrations, Large Language Models (LLMs), Cross-functional Collaboration

Professional Experience

Software Engineer, Epsilon   Aug 2023 – Present

- Created and integrated the **Campaign Builder Automation (CBA)** tool, cutting campaign setup time by 93% (from 3–4 hours to 15 minutes), saving 7+ Full-Time Equivalents (FTEs) annually.

- Developed **Auto Assigner**, a Jira-based tool for routing 4,000–5,000 tickets/month, reducing triaging time by 80% and improving workload balancing.

- Built and maintained automation platforms (NestJS, Angular) for 10+ global teams, reducing manual workloads by 40%.

- Implemented an automated Pull Request (PR) review system using Bitbucket and Large Language Models (LLMs), providing real-time code quality checks and automated fix suggestions.

- Enhanced the **Deckorator** platform (Playwright, YAML), standardizing workflows and reducing deck generation effort by 60+ hours monthly.

- Led multiple epics requiring close collaboration with stakeholders, managing priorities, and guiding the development team to deliver high-impact solutions on schedule.

Projects

Slate – Timetable Generation Platform

- Developed a full-stack web application to generate conflict-free timetables; successfully tested with faculty for multiple course sections.

- Reduced manual scheduling effort by an estimated 80% compared to existing methods.

Infor – Information Management System

- Built a production-ready, multi-view web platform for managing student and faculty information, with dedicated role-based access.

- Supported CSV-based bulk data uploads and automated email notifications, streamlining information distribution for the entire college.

Smart Campus Centralized ID System

- Designed and implemented a centralized ID card platform with distributed access control for 500+ users.

- Built RESTful APIs and relational database schemas to support scalable, role-based permissions and campus-wide usage.

Education

Bachelor of Engineering (B.E.), Computer Science   2019 – 2023
NITTE Meenakshi Institute of Technology, Bangalore, India
CGPA: 8.03

Awards

- Runner-up, Epsilon Intra-Company Hackathon (2024) – Built an AI-driven system mapping client-specific terminology to internal standards, reducing manual mapping errors.