Rahul Agarwal

therahulagarwal.com | github.com/ragarwalll

EXPERIENCE

SAP LABS INDIA | Full Stack Developer
Bengaluru, India | Present - 2019

- Engineered a high-performance multi-tenant provisioning platform with **Kubernetes Operators, integrating CRDs and ArgoCD** for streamlined GitOps processes, achieved a remarkable reduction in customer onboarding time by nearly 90%.

- Architected and developed a **GoLang** content management framework on SAP BTP, leveraging buildpack for cloud-native deployment while achieving successful adoption in more than 15 enterprises from initial internal implementation.

- Created a scalable SaaS content management tool with **SAPUI5, JavaScript, XML & MVC** with integrated event bus architecture for instant data updates within the application ecosystem of SAP BTP, facilitating seamless interaction among over 100 active users monthly.

- Built a **VS Code extension** to automate project onboarding, reducing setup time by 60% and boosting productivity for 1,500+ developers across product teams.

- Created Book LLM, an **AI-powered** document analysis tool leveraging **LangChain** framework and **LLMs,** enabling flexible document processing (JSON, PDF, CSV) through intuitive UI and developer API for custom implementations.

- Spearheaded development of the Yellow Circle project employing advanced programming in **Node.js and Typescript,** this initiative provided essential psychological well-being tools that served as vital support for thousands of employees navigating stressors at work.

- Established architecture and development of Care for Life platform using **Turborepo design and React.js,** implementing role-based system for benevolent fund management, guiding 10-member team.

- Started an end-to-end scholar onboarding system using **Node.js and TypeScript** featuring built-in social platform and chat functionality, processing 150+ new graduates annually while cutting onboarding time from days to hours.

- Created a robust digital awards program using advanced programming techniques in **Node.js and TypeScript,** enabled efficient handling of large-scale submissions exceeding 5,000 entries annually through effective workflow automation strategies.

PERSONAL PROJECTS

- Conceptualized and launched **VitaGen,** an open-source resume platform that converts JSON to LaTeX PDFs, gathering user feedback to implement features that boosted document creation efficiency by 30%.

- Analyzed user engagement data to implement community features, driving platform growth from 0 to 1,500+ posts and achieving 200% quarterly member participation increase at **Rotaract Club of Kolkata.**

EDUCATION

BITS PILANI, RAJASTHAN
Master of Technology
Bengaluru, India | 2019 - 2023

THE HERITAGE ACADEMY
Bachelor of Computer Applications
Kolkata, India | 2016 - 2019

SKILLS

PROGRAMMING LANGUAGES
HTML • CSS • JavaScript • Python • Java • Go • TypeScript • SQL • PHP • LaTeX • Shell

FRAMEWORKS & LIBRARIES
Node.js • React.js • Express.js • Next.js • Spring Boot • Flask • SAPUI5 • Kubernetes Operators • jQuery • LangChain • Bootstrap • CDS • Hibernate

CLOUD & DEVOPS
SAP BTP • Kyma • Kubernetes • Docker • Git

FAMILIAR
C • C++ • Swift • Dart

LINKS

Github // **ragarwalll**

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