

Rahul Cheryala

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Education

7.6/10 **Bachelor of Technology in Computer Science**, Indian Institute of Technology, Dharwad

2021-25

Achievements: 1st Place @ Avadhan | Finalists @ Parsec 5.0 | Finalists @ Parsec 4.0 | Winner @ DevHack

Experience

Quantlytix Pvt Ltd, Full-stack Developer | Remote

Aug 2024 - Present

- Architected and executed **CI/CD pipelines using GitHub Actions** with unconventional infrastructure patterns, automating deployment workflows and reducing manual intervention by **80%** and deployment time by **40%**.
- Expanded the observability stack by building end-to-end dashboards on AWS and Grafana, migrating from native **AWS dashboards to a full Grafana** stack using Loki for log aggregation, FluentBit for log piping, and **InfluxDB + Telegraf for metrics ingestion** and alerting. Improved monitoring coverage by **>60%**.
- Incorporated **real-time alerting** via Slack and GitHub Webhooks to notify developers of deployment failures, reducing mean time to response by **30%**.
- Constructed and maintained **ECS task definitions and ECR configurations** for containerized deployments, streamlining the deployment process across multiple environments.
- Enhanced release stability by designing an **auto-rollback mechanism** that reverted to the last stable version upon deployment failure, improving release stability and decreasing downtime by **75%**.
- Designed RESTful APIs using Django framework and optimized database migrations by **converging fragmented migration files**, reducing migration errors by **70%** and improving deployment reliability.
- Led the complete development of the company's public-facing website** using Next.js (frontend) and Django (backend), significantly improving the company's online presence and conversion funnel.

CodeUnity Technologies, Full-stack Developer Intern | Remote

Feb 2024 - Aug 2024

- Contributed to **legacy migration from HTML/CSS to React.js** for an internal operations management platform, modernizing the tech stack while maintaining **100% feature parity** and ensuring zero disruption to business workflows.
- Delivered **bug fixes and feature enhancements** based on internal team requirements, reducing operational dependencies and enabling **autonomous task execution** for routine operations.
- Streamlined **internal workflows by eliminating redundant processes**, redesigning user interfaces to simplify complex operations and improving task completion efficiency by **35%**.
- Created automated **end-to-end test suites using WebdriverIO**, focusing on critical business workflows to ensure **continuous reliability** of the internal platform.
- Built **core multi-tenant architecture modules** enabling isolated management of users, teams, departments, and companies with atomicity guarantees, improving user provisioning speed by **40%**.
- Refactored backend services to **reduce code redundancy and align APIs**, enhancing module interoperability and system maintainability across the platform.
- Restructured front-end into a **shared component library**, accelerating feature development and reducing delivery time by **25%**.

Azgaard Technologies, Software Engineer Intern | Remote

Aug 2023 - Jan 2024

- Engineered **Chrome extensions to automate job application workflows** by scraping front-end data and auto-generating pre-filled cover letters, reducing manual application effort by **3.5x**.
- Constructed a **high-performance job portal frontend using Next.js and Tailwind CSS**, delivering a sleek and fully responsive user interface with **sub-second page load times**.
- Developed **robust Django backend integrated with AWS S3** for scalable storage solutions and deployed on EC2 instances with optimized resource utilization.
- Utilized **Terraform for infrastructure-as-code deployment**, automating infrastructure setup and reducing deployment time by **80%** while ensuring consistency across environments.

Skills

Languages	Javascript, Typescript, C/C++, Python, HTML+CSS
Frameworks/Libraries	React.js, Node.js, Django, Next.js, Express.js, Three.js, React Native, React Three Fiber(R3F), Tailwind CSS
Cloud/Databases	MongoDB, PostgreSQL, MySQL, AWS, Terraform
Tools & Methodologies	Agile/Scrum, JIRA, VS Code, Figma
Soft Skills	Time Management, Problem-solving, Documentation, Leadership

Projects

LiveDocs | **Real-time Collaborative Document Editor** ([Link](#))

Aug 2024 - Sept 2024

A real-time document editor enabling collaborative writing, nested comments, and secure user-based document management. Built with Next.js, TypeScript, Lexical Editor, Liveblocks, shadcn, and Tailwind CSS

Eventura | **Event Management Platform** ([Link](#))

Feb 2024 - Mar 2024

A platform for creating and managing events with integrated user authentication and seamless Stripe-based payment processing.