

# YASH GOYAL

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## WORK EXPERIENCE

### Succesship Technologies, Bangalore (SWE Intern)

Jan 2025 - July 2025

- Improved system stability and performance by **resolving production bugs**, handling critical user-reported issues, and optimizing Docker images across multiple services through version upgrades, configuration refactoring, and efficient build strategies **resulting in reduced server costs**.
- Led end-to-end development of *Sahkar*, platform for managing distributors in direct-selling businesses and **optimizing profit cycles**. helped the company secure its first client and process the first payout through the system.
- Worked on an AI-powered AP/AR automation system from the ground up, streamlining **invoice processing and decision flows**. conducted client demos to validate usability and drive initial product feedback

## OPEN SOURCE

- OWASP NEST**: Enhanced the frontend, adding new features and **improving the UI** for a better user experience, Implemented **Django models for new features**, with test files to ensure **reliability and maintainability**, Implemented **commands for the SlackBot**, improving automation and team collaboration also **added schema validations**, removed unnecessary code, ensuring data integrity and cleaner codebase. ([PRs](#))
- PALISADOES FOUNDATION**: Completely resolved **long-standing issues in the local development setup** script, ensuring smooth environment setup for new contributors. **Stabilized and enhanced the GitHub CI/CD** pipelines by adding multiple workflows and jobs, significantly improving automation reliability. Led a **major migration** effort across the entire repository and **optimized container images** for faster and more **efficient builds**. ([PRs](#), [PRs](#), [PRs](#))

## PROJECTS

### Wanderlust ([Github](#)) ([Hosted](#))

- Tech Stack: **AWS EC2, Kubernetes (self-managed), Docker, NodeJS, MongoDB, Redis**
- Deployed a 3-tier cloud-native application on a self-managed Kubernetes cluster provisioned on AWS EC2, Orchestrated workloads with Kubernetes Deployments, Services, and ConfigMaps.
- Designed the setup with a DevOps-first approach, focusing on infrastructure reliability & container orchestration.

### LFX Dashboard - (300+ active visitors) ([Github](#)) ([Hosted](#))

- Tech Stack: **NodeJs, Docker, TypeScript, EC2 & RDS**
- An open-source analytics dashboard enabling LFX contributors to explore and analyze historical organization data with real-time insights.

## EDUCATION

### Rishihood University, Haryana

Aug 2023 - Present

- Bachelors of technology(CS & AI)

8.3/10

### Shriji Baba Saraswati Vidya Mandir, Mathura

Apr 2021 - June 2022

- Intermediate (Class XII)

93.6%

## SKILLS

- Programming languages**: Python, Java & JavaScript.
- Libraries and frameworks**: ReactJs, Node.Js, ExpressJS, SpringBoot
- Databases**: SQL and MongoDB
- Cloud Technologies**: CI/CD, Linux, Nginx, Docker, ECR, ECS & EC2(VM hosting and deployments)
- Object oriented programming, Data structure & Algorithms

## KEY ACHIEVEMENTS

- Google Developer Groups on campus (GDG)' 24 LEAD** - Led flagship tech events, workshops, and community initiatives, strengthening the campus developer ecosystem in **collaboration with Google's GDG network**.
- Achieved All India rank **1200** in ICPC-prelims 2023
- Replicated and analyzed results from [Bombin's Gauge Color Codes paper](#), demonstrating strong research skills in **Quantum error correction codes (QECC)** and topological stabilizer codes.