

# Yash Gautam

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## Summary

Full-stack and DevOps engineer with hands-on experience in automation, containerization, and cloud-native development. Developer of open-source tools like **Docify** (Docker automation CLI) and **simple-google-oauthentication** (Google OAuth middleware). Skilled in Docker, Kubernetes, CI/CD, API development, microservices, and cloud platforms (AWS/GCP/Azure). Passionate about secure authentication, Infrastructure as Code (IaC), and scalable system design.

## Education

**Integrated M.Tech + B.Tech, Computer Science Engineering** Aug 2023 – May 2028  
Gautam Buddha University, Greater Noida, India CGPA: 8.2/10

## Technical Skills

- **Languages:** C++, Java, Python, JavaScript/TypeScript, Go, Dart
- **Frameworks:** Node.js, Express, Next.js, FlutterFlow, TailwindCSS
- **DevOps/Cloud:** Docker, Kubernetes, Terraform, GitLab CI/CD, AWS, Azure, GCP, Vercel
- **Databases:** MySQL, MongoDB, Firebase Firestore
- **Security:** OAuth 2.0, JWT, SPIFFE/SPIRE, AuthN/AuthZ, Cloud Security
- **AI/ML:** Machine Learning, Deep Learning, Data Science

## Projects

- Docify — Auto-Dockerization CLI (Open Source)** Jan 2025 – Present  
*Tech: Go, Docker, MongoDB* GitHub Repository
- Automated containerization by detecting ports/databases, generating Dockerfiles, building images, and running containers.
  - Reduced onboarding and deployment time by **80%**;
- simple-google-oauthentication — Express Middleware (NPM)** Jan 2025 – Present  
*Tech: Node.js, Express, OAuth 2.0, JWT* NPM Package
- Built plug-and-play OAuth 2.0 middleware with JWT-based cookie sessions for secure authentication.
  - Adopted by 10+ developers in production systems; simplified Google login integration by **60%**.

## Experience

- Open Source Contributor** 2024 – Present  
Projects in containerization, CI/CD, and cloud-native automation.
- Contributed to open-source tooling in Docker and Kubernetes workflows.
  - Enhanced automation scripts and CI/CD pipelines, improving developer efficiency.

## Achievements

- Published 2 open-source projects with active adoption; developed 4+ production-ready applications.
- Recognition in hackathons and project showcases for developer-focused innovation.
- Among top contributors in student developer communities focused on DevOps and Cloud.

## Certifications

- Kubernetes Administrator (CKA) – Self Learning