

# YASHAS KHOT

+91-9766857468 [✉ khotyashas2@gmail.com](mailto:khotyashas2@gmail.com) [in yashaskhot](https://www.linkedin.com/in/yashaskhot) [yashaskhot](https://github.com/yashaskhot) [yashaskhot.me](https://yashaskhot.me)

## EDUCATION

### University of Mumbai

Dec. 2021 – May 2025

Bachelor of Engineering in Information Technology CGPA: 8.70/10

Mumbai, India

- **Coursework:** Data Structures, Algorithms, Databases, Computer Networks, Operating Systems, Distributed Systems, Programming Paradigms, Cryptography

## WORK EXPERIENCE

### Rappo | Software Engineer Intern | [Letter of Recommendation](#)

Nov. 2024- Jan. 2025

- Developed **Reflections by Rappo**, a feature summarizing LinkedIn metrics using **TypeScript**, and **API** tools.
- Built a **data ingestion pipeline** to scrape and analyze profiles of engineering leaders using **Python** and **APIs**.
- Enhanced backend performance for the platform using **Go**, implementing RESTful APIs and optimizing queries in **Postgres**.

### Rising Phoenix | Cloud Engineer Intern | [Letter of Recommendation](#)

July 2024- Oct. 2024

- Designed a **scalable cloud infrastructure** using **Docker**, **Kubernetes**, and **AWS** for microservices.
- Streamlined **DevOps workflows** by automating CI/CD pipelines with **Jenkins**, improving deployment speed by **60%**.
- Performed **security assessments**, resolving critical vulnerabilities and achieving compliance with industry standards.

### DBLDC | Software Developer Intern | [Letter of Recommendation](#)

May 2023- July 2023

- Developed a **full-stack web application** using **Django** serving **5,000 users** with minimal downtime.
- Executed **asynchronous processing** for faster API responses and optimized queries for sub-200ms response times.
- Automated **cloud backups** on **AWS S3**, reducing recovery time objectives (RTO) by **60%**.

## PROJECTS

### AyuWave | React, MongoDB, Flask, ChromaDB, Llama, Pinata | [Github Link](#)

- Built a **personalized health assistant** with advanced search capabilities and integration of **NLP-based smart agents**.
- Used **ChromaDB** to manage embeddings for user profiles, supporting adaptive wellness suggestions.
- Ensured secure and immutable medical record storage with **IPFS** and **blockchain principles**.

### TinyGo | Golang, GoFiber, Docker, Redis, Postman | [Github Link](#)

- Engineered a **high-throughput URL shortener** with advanced caching mechanisms, achieving **5,000+ requests per second**.
- Deployed the service in a **containerized environment**, leveraging **Docker** for rapid scalability.
- Optimized resource utilization, improving memory efficiency by **60%** using **GoFiber**.

### FinjanGo | Django, Python3, MySQL, AWS | [Github Link](#)

- Developed an intuitive **expense management system**, serving **2,000+ users** with robust data integrity.
- Designed a **modular MySQL schema** to support analytics dashboards and customizable expense reports.
- Integrated **AWS** for backups and implemented data encryption, ensuring **data security** and **compliance**.

## TECHNICAL SKILLS

**Languages:** Python, Golang, JavaScript, TypeScript, SQL, HTML, C++.

**Tools:** Docker, Kubernetes, AWS, Redis, Jenkins, Git/GitHub, Postman, Selenium.

**Frameworks/Libraries:** Django, React, FastAPI, GoFiber.

## CERTIFICATIONS / ACHIEVEMENTS

### Smart India Hackathon 2023 Grand Finalist | [Credential](#)

Google - Google Cybersecurity | [Credential](#), Google Cloud, Generative AI | [Credentials](#)

Postman - Postman API Fundamentals | [Credential](#)

## LEADERSHIP / EXTRACURRICULAR

### Google Developer Student Club & Association for Computing Machinery

June 2023 – Present

Cloud Expert, Advisor — Technical Head, Mentor

DBIT

- Conducted **12+ workshops**, seminars, coding challenges, and tech talks on **Google Cloud Platform**, **Generative AI**, and **Web Development**, educating **250+ individuals** and enhancing technical proficiency.
- **Revamped** and optimized chapter and event websites [dbit.acm.org](https://dbit.acm.org) & [teknack.in](https://teknack.in), boosting **user engagement** by **40%** and reducing **page load time** by **25%** through **code enhancements** and server optimizations.
- Advised multiple student clubs to **streamline operations**, **enhance outreach** and engage **more students** by implementing effective communication strategies and modern digital tools.