

YASHAS KHOT

+91-9766857468 ✉ khotyashas2@gmail.com in [yashaskhot](#) 🌐 [yashaskhot](#) 🌐 [yashaskhot.tech](#)

EDUCATION

University of Mumbai

Dec. 2021 – July 2025

Bachelor of Engineering in Information Technology CGPA: 8.74/10

Mumbai, India

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

WORK EXPERIENCE

Rising Phoenix | DevOps Intern | Letter of Recommendation ↗

July 2024- Oct. 2024

- Implemented and maintained a **secure cloud** environment using **Docker**, **Kubernetes**, and **AWS**, reducing security incidents by **35%**.
- Automated **CI/CD pipelines**, improving deployment efficiency by **60%** and reducing manual effort by **70%**.
- Collaborated with cross-functional teams to identify and address **42** security vulnerabilities, ensuring the **Compliance Co-pilot™** product maintained a high level of **compliance** and **risk mitigation** with a **95%** reduction in critical risk factors.

DBLDC | Software Developer Intern | Letter of Recommendation ↗

May 2023- July 2023

- **Engineered Django**-powered NSS web portal for user **authentication**, data retrieval, and **real-time interactions**, handling **5,000** concurrent users with **99.5%** uptime.
- Conducted rigorous **testing** to ensure **sub-200ms** response time for **90%** of requests under varying loads for optimal performance.
- Architected **Python AWS** backup script using SDKs, automating backups and reducing disaster recovery time by **60%**.

PROJECTS

AyuWave | React, MongoDB, Flask, ChromaDB, Llama, Pinata | 🌐

- Built a healthcare platform offering personalized wellness solutions, holistic health planning and secure medical record storage bridging the gap between modern technology and traditional medicine.
- Developed a smart agent using **Llama** and **Google SERP** to provide **Ayurvedic** remedies based on symptoms, along with personalized **diet plans** and **yoga routines**.
- Leveraged Pinata **IPFS** to store medical records in a **decentralized**, secure manner, ensuring **data privacy** and immutability.

TinyGo | Golang, GoFiber, Docker, Redis, Postman | 🌐

- Developed high-performance URL shortener using **Golang**, **GoFiber** with **5,000+** req/s, **Redis** caching **80%** faster, and **Docker** containerization.
- Utilized **GoFiber's** efficient routing for **40%** performance boost and **Redis** for sub-millisecond key-value storage with **10,000+** shortened URLs.
- Implemented robust error handling with **99.9%** uptime, **RESTful API**, and optimized memory usage with **60%** reduction.

FinjanGo | Django, Python3, MySQL, AWS | 🌐

- Built expense tracking system with **Django/Python3** for **2,000+** users, utilizing **MySQL** database with **95%** uptime.
- **Optimized** MySQL schema with **15+** tables for data integrity and **sub-50ms** querying.
- **Integrated** interactive **JavaScript** charts with **15+** visualization types for insightful expense analysis.

TECHNICAL SKILLS

Languages: C, C++, Python, Golang, JavaScript, HTML, CSS, SQL.

Tools: Git/GitHub, AWS, Docker, MongoDB, Postgres, MySQL, Postman, Redis.

Frameworks/Libraries: Django, Kubernetes, FastAPI, Node.js, Selenium.

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

July 2023 – Present

Cloud Expert, Advisor — Cloud Development

DBIT

- Led **6+** workshops and seminars on **Google Cloud Platform** services, educating fellow students on **cloud computing** concepts and **best practices**.
- Spearheaded a comprehensive training initiative for **250+** individuals, empowering them with proficient skills in **Google Cloud** and **Generative AI** technologies through the Cloud Campaign and GenAI Campaign.