Nihal H U

Bangalore, India | nihalhu05@gmail.com | +916361606828 | nihalhu.co | linkedin.com/in/nihalhu/
github.com/uniquenihal

Profile

- BCA Undergraduate student at Jain University with specialization in cloud tech and information security.
- Completed various online courses and certifications in Java, C, Google Cyber Security Certificate, GCP.
- Interned in companies as Java developer, cyber security analyst, project manager.

Education

Jain(Deemed-to-be University), Bachelors of Computer Applications in Cloud Technology and Information Security
July 2023 – July 2026
CGPA: 9.55/10

- **Highlights:** Member of ACM Student Chapter (Tech Team)
  Member of Uttunga Student Forum (Tech Team)
  Third Place Ideathon Winner 2023

Experience

Web Developer Intern, KSDA, Government of Karnataka
Sept 2024 – Present

- Collaborated and developed the organization website.

Beta Testing (UI)
June 2022 - Present

- Beta Testing for Fampay since 2024, finding bugs and testing pre release software.
- Beta Testing for Minecraft Server since 2020, reported over 100 bugs.

Software Engineer Intern, Gorai Technology Services – Bangalore
June 2024 - July 2024

- Multiple micro services tested and fixed in alignment with organizational goals.
- Java, Spring boot, Postman, Testing, Collaboration

Cyber Security Analyst Intern (Team Lead) , Excelerate
June 2024 - July 2024

- Ubuntu, OS Hardening, Encryption

Achievements

- 3rd Place Google Events Hackathon Winner — Aug 2024
- Research Publication on Educational Recommender Systems — Nov 2024

Projects

Facial Recognition based Attendance System
November 2024

- Instant attendance procedure using facial recognition on existing CCTV infrastructure for efficiency
- Tools Used: Computer Vison, YoloV8, Python

1st Point Trash Type Detector
October 2024

- Detects the type of trash in the initial stage of disposal for segregation, avoiding further hassle.
- Tools Used: Computer Vision, Python, Tensorflow

Gen AI Educational Resource Recommender (Hackathon Winner)
August 2024

- Generative AI ChatBot based solution for recommending learners with the right educational resource.
- Tools Used: Google Cloud Platform, Vertex AI Agent Builder

Technologies

Hard Skills: C++, C, Java, , SQL, Google Cloud Platform, HTML/CSS, Ubuntu, Postman, Git

Soft Skills: Time Management, Leadership, Collaborative, Problem Solving, Accountability