

# A Mohammed Alhaan

SDE Intern @ Boeing | Problem Solver | ML Enthusiast | Full Stack Developer

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## OBJECTIVE

Results-oriented software developer with a passion for tackling complex challenges, aiming to contribute expertise in AI-powered automation and scalable application development to a dynamic engineering team.

## SKILLS

**Languages:** Python, SQL, JavaScript, HTML/CSS

**Frameworks:** Django, Flask, PyQt

**Database & Cloud:** MySQL, MongoDB, SQLite3, Postgres, Firebase, GCP

**Tools:** GIT, GitHub, GitLab, Jira, Unix/Linux Environments, Power BI, Tableau

## EXPERIENCE

Software Engineer Intern - [Certificate](#)

July 2024 - Sep 2024

Boeing India Private Limited

Chennai

- Developed a **PyQt desktop application** interfacing with a cmd tool, streamlining task execution.
- Built a Django web application to **improve accessibility** and user engagement for the command-line tool.
- Designed an **OCR tool using Python Tesseract** to extract text and tables from non-selectable PDFs.
- Collaborated with another team to build a table question-answering model using the **Tapex model**.
- Worked on **geospatial analysis of flight maps** to identify changes & began developing an ML model

## PROJECTS

**AI-Powered Skill Navigator for Personalized Learning** | Django, MySQL

[Github](#)

- Developed an **AI-based learning platform** using Django & MySQL for personalized learning.
- Integrated **Gemini API** to **dynamically generate course** and recommendations based on user progress.
- Built key features like user registration, **secure login**, **live course tracking**, and automated PDF reports.
- Used Git/GitHub for **collaborative development**, ensuring version control and efficient teamwork.

**Face Recognition Attendance Automation** | Face Recognition, OpenCV, PyQt

[Github](#)

- Built an **automated attendance** system using dlib and OpenCV, storing data in real-time.
- Optimized for **various lighting conditions**, ensuring reliable tracking.
- Designed a user-friendly **Python-based UI using PyQt**, enhancing usability.
- Improved **data integrity and seamless storage**, reducing manual effort and ensuring reliability.

## EDUCATION

Bachelor of Technology - Computer Science Engineering (Data Science & AI)

2021 - 2025

Hindustan Institute of Technology and Science

CGPA: 9.1

## ACHIEVEMENTS

- Completed **300+ coding questions** on various coding platforms, demonstrating problem-solving skills.
- Secured **4th place in the Code with Globalshala 3.0** Hackathon among 3000+ teams.
- Received **multiple awards for paper presentations** at inter-college technical events.
- Participated in **tech meetups** and conferences, staying updated of cutting-edge industry trends.
- Demonstrated academic excellence through **consistent top-tier performance** across all subjects