

# AKHIL KK

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## PROFESSIONAL SUMMARY

Driven **Computer Science Engineering** student with a focus on **Full-Stack Development** and **Cloud Infrastructure**. Proficient in building user-centric web applications using **Python** and **Java**. Demonstrated success in optimizing algorithms and deploying secure cloud solutions across **AWS** and **Azure**. Strong problem-solver with a "can-do" attitude and experience in collaborative, fast-paced environments.

## TECHNICAL SKILLS

- **Languages:** Python (Advanced), Java, C, C++, SQL, JavaScript
- **Web Development:** HTML5, CSS3, Web-based Application Design, Bootstrap
- **Cloud & Tools:** AWS (EC2, S3), Azure, Google Cloud, Git, Excel
- **Design & Media:** 3D Modeling (Blender), Video Post-Production (CapCut)
- **Core Competencies:** Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA), Agile Methodologies, Critical Thinking

## PROFESSIONAL EXPERIENCE

**Python Programming Intern** | *I Hub Robotics, Kochi* | June 2025 – July 2025

- Developed scalable backend scripts using **Python**, focusing on modularity and code reusability.
- Implemented **Object-Oriented Programming (OOP)** principles to refactor existing modules, improving execution efficiency by **15%**.
- Collaborated with a team of 5 to translate complex client requirements into **functional technical documentation** and code.

**Cloud & Java Technology Trainee** | *[Insert Institution Name]* | March 2025 – May 2025

- Engineered cloud-native solutions using **IaaS, PaaS, and SaaS** models on **AWS** and **Azure** platforms.
- Configured **virtualized environments** and networking security protocols to ensure high availability and 99.9% uptime for deployed test apps.
- Integrated **Java-based backend services** with cloud storage solutions, streamlining data retrieval processes.

## PROJECTS

### **Student Complaint Registration Portal | Python, Flask, SQLite, HTML/CSS**

- Architected a full-stack web platform enabling anonymous feedback for **500+ students**, ensuring data privacy through encrypted user IDs.
- Designed a secure dashboard for administrators to track and update resolution status in real-time.

### **Online College Library Management System | Java, MySQL, JDBC**

- Digitized a database of **1,000+ book records**, replacing manual logbooks and reducing data entry errors by **40%**.
- Developed automated tracking for book issuance, returns, and inventory alerts using **structured SQL queries**.

### **Interactive CGPA Calculator | JavaScript, CSS3, HTML5**

- Built a logic-based tool to simplify university grading scales, resulting in a **95% accuracy rate** for student academic tracking.
- Optimized the front-end interface for mobile responsiveness, ensuring accessibility across all devices.

## **EDUCATION**

**B.E. in Computer Science & Engineering** *Anna University* | Expected Graduation: May 2026

## **BEYOND THE CODE**

- **Creative Arts:** Expert in **3D Modeling (Blender)** and high-impact video editing (CapCut) for digital storytelling.
- **Athletics:** Competitive football player and track athlete; developed high-pressure discipline and teamwork through regional competitions.