

## HUSSAIN MOHAMMED N

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### Professional Summary

Electronics and Communication undergraduate (2022–2026) with skills in AWS cloud services, Java/Python programming, and web development. Proven ability to build end-to-end solutions using cloud-native tools and a strong foundation in competitive programming and web technologies.

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### Education

**B.E. in Electronics and Communication**, Karpagam Institute of Technology, Coimbatore  
**CGPA:** 7.64 (2022–2026)

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### Intern – The Yellow Network (July 2025 – Present)

Contributing to full stack(MERN) web development projects and researching agentic AI solutions using LangChain.

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### Certifications

AWS Cloud Practitioner Foundation – AWS  
AWS Cloud Foundations and AWS Cloud Practitioner Essentials – AWS  
DSA Using Java – NPTEL  
Python, Problem Solving and CSS (Basic) – HackerRank

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### Skills

**Programming:** Java, Python  
**Cloud:** AWS  
**Backend:** JavaScript

**Soft Skills:** Communication  
**Frontend:** HTML, CSS, React  
**AI/ML:** LangChain

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### Projects

#### **AWS S3 Static Website CI/CD with Jenkins (2025):**

Set up a CI/CD pipeline using Jenkins integrated with GitHub to auto-deploy a static HTML site to AWS S3.

#### **Sentiment Analysis using AWS (2025):**

Built a cloud-native sentiment analysis tool where users submit text via Postman. AWS Comprehend performs NLP, and results are delivered to users via AWS SNS messaging.

#### **Event Management System (2024):**

Designed and developed a fully responsive single-page HTML/CSS website to showcase event services. Focused on user-friendly layout, navigation, and mobile responsiveness.

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### Achievements

Solved 400+ LeetCode problems  
CodeChef Rating: 914 (Div 4)  
Scored 838/1000 in AWS certification