

# RAHUL DAS

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## EDUCATION

- **Jain (Deemed-to-be) University, Bangalore** | B.TECH IN COMPUTER SCIENCE AND ENGINEERING  
CGPA: 7.73 / 10.0 (till 6th Semester) *August 2022 - August 2026*
- **Govt. Science College, Dhaka** | HSC [Science] • GPA 5 ,Percentage - 81% *December 2021*
- **Ideal School and College, Dhaka** | SSC [Science] • GPA 5, Percentage - 83% *April 2019*

## PROJECTS

### Optical Character Recognition (OCR) – Handwriting recognition project | [Python] [\[Github\]](#)

- Utilized **Tesseract OCR** and Python libraries for handwriting recognition, enhancing text extraction from various image sources.
- Collected and processed diverse datasets, improving model training and ensuring better generalization across different handwriting styles.
- Achieved **55% accuracy**, analysing performance of gaps and identifying potential improvements for enhanced recognition efficiency.

### MASSAE E Commerce Website | [HTML, CSS, JavaScript, MongoDB] [\[Github\]](#)

- **Designed an intuitive and responsive website** using HTML, CSS, and JavaScript for a seamless user experience.
- **Integrated AI Chatbot** to help the users find the product and give the product details.
- **Implemented MongoDB** Database to stores sales and user data.

### Conversational AI Chatbot Using Log Pattern Analysis | [AWS-Powered AI]

- **Self-Healing Capability:** The application uses log pattern detection to detect a potential outage and solve the upcoming error using different approaches
- **Seamless Integration:** Compatible with mobile and web applications across various domains.
- **AWS-Powered AI :** Utilizes AWS services for- Intelligent conversational interfaces, Scalable server management, Secure data storage and retrieval, AI-driven log pattern analysis for anomaly detection.

## ACHIEVEMENTS

### Google Generative AI Certificate | [Certificate] [\[LinkedIn\]](#) *October 2024*

- In this program, I have learned the basics about Generative AI of Prompt design in vertex AI, Develop GenAI Apps with Gemini and Streamlit, GenAIus Registries.

### IEEE Xplore (ACROSET) Certificate | [Research Paper] [\[IEEE Xplore\]](#) *November 2024*

- Published Research Paper "Conversational AI Chatbot using Log Pattern Detection".
- The research paper talks about the application-Conversational AI Chatbot which uses log pattern detection to detect upcoming outages.

### Springer (ICDTE-2025) Certificate | [Research Paper] [\[LinkedIn\]](#) *November 2025*

- Published Research Paper "Rule-Based Approach for Conversational AI Chatbot using Log Pattern Detection" at the International Conference on Digital Technology and Engineering (ICDTE-2025) organized by RV Institute of Technology and Management, Bengaluru, in collaboration with Springer.

### Cisco Certificate | CCNAv7: Enterprise Networking, Security, and Automation. *December 2024*

- Completed CCNAv7: Enterprise Networking, Security, and Automation course administered by the undersigned instructor.

## SKILLS

- **Java (OOPS)**
- **SQL**
- **HTML, CSS, Javascript**
- **Python**
- **PHP**