

# RAYHAN ALAM TOWHID

Backend Engineer • Computer Science & Engineering Major

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## SUMMARY

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Backend Engineer skilled in Python, Node.js, and C++, with a focus on building AI-integrated tools and system-level applications. Experienced in solving real-world problems through scalable backend architectures. Winner of BAIUST Hackathon 2025. Currently pursuing a BSc in Computer Science with a CGPA of 3.52.

## SKILLS

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Programming	C/C++ (Advanced), Python (Intermediate), JavaScript (Intermediate)
Web/Media	Node.js, Git, HTML/CSS, Figma, Photoshop
Others	Prompt Engineering(GPT-4)

## PROJECTS

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### ARIA AI

- Developed a GPT-4 powered virtual assistant using Node.js and OpenAI API, handling over 1,000 queries with 95% accuracy.
- Integrated real-time response system for user prompts, reducing load latency by 30%.
- Implemented dynamic knowledge updating via context-aware API calls.

### Booking Form,

- Created a responsive booking form with HTML, CSS processing over 500 test submissions.
- Added client-side validation and UI feedback mechanisms, improving form completion rate by 40%.
- Deployed via GitHub Pages with modular, reusable JavaScript components.

## HONORS & AWARDS

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Champion	2025
BAIUST CSE Fest 2025 - Hackathon	Comila, BD
Winner	2016
Regional ICT Quiz Contest – ICT Quiz	Comilla, BD

## EDUCATION

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Bangladesh Army International University of Science and Technology	Apr 2024-Mar 2028
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BSc in Computer Science and Engineering

- Current CGPA: 3.52

**Relevant Coursework:** Data Structures, Algorithms