RAYHAN ALAM TOWHID

Backend Engineer • Computer Science & Engineering Major

rayhanalamtowhid@gmail.com • LinkedIn • Github

SUMMARY

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

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

PROJECTS

Procrastion Hub

• Built a responsive team collaboration platform using HTML, CSS, and JavaScript, enabling users to showcase portfolios and connect professionally.
• Designed and structured key sections (Home, Services, Portfolio, About Us, Contact) using semantic HTML5 and modern CSS3 flex/grid layouts.
• Integrated JavaScript for smooth navigation, dynamic interactions, and enhanced UI responsiveness.
• Ensured full cross-browser and multi-device compatibility for seamless access and user experience.
• Deployed via GitHub Pages, demonstrating proficiency in static site hosting and project deployment workflows.

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

Champion   *2025*

BAIUST CSE Fest 2025 - Hackathon   *Comilla, BD*

Winner   *2016*

Regional ICT Quiz Contest – ICT Quiz   *Comilla, BD*

EDUCATION

Bangladesh Army International University of Science and Technology   *Apr 2024-Mar 2028*

BSc in Computer Science and Engineering

- Current CGPA: 3.52

Relevant Coursework: Data Structures, Algorithms