

MD. JAHIDUL HASAN

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SUMMARY

CSE undergraduate at BRAC University with expertise in Backend Development, 3D Graphics Programming, and Team Leadership. Proven track record of delivering complex technical projects, including OpenGL-based games and full-stack web applications, while managing large-scale university events serving 1400+ students. Skilled in bridging technical development with strategic project management.

EDUCATION

BRAC University <i>Bachelor of Science in Computer Science & Engineering</i>	Dhaka, Bangladesh <i>Expected 2026</i>
Ispahani Public School & College <i>Higher Secondary Certificate (HSC) - Science, GPA: 5.00/5.00</i>	Cumilla, Bangladesh <i>2018 - 2020</i>
Ispahani Public School & College <i>Secondary Secondary Certificate (SSC) - Science, GPA: 5.00/5.00</i>	Cumilla, Bangladesh <i>2016 - 2018</i>

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, Assembly Language
Backend & Databases: Node.js, Express.js, MongoDB, MySQL, RESTful APIs
Graphics & Game Dev: OpenGL, 3D Graphics Programming, Physics Simulation
Tools & Platforms: L^AT_EX, GitHub, VS Code, Google Colab, Kaggle Notebook, Postman, Vercel, MacOS/Windows
Core Competencies: Backend Development, AI/ML, Event Management, Team Leadership

PROJECTS

TripBloom <i>JavaScript, Web APIs, Routing</i> GitHub	2025
<ul style="list-style-type: none">Built travel planning app with dynamic UI, intelligent route optimization, and real-time geolocation APIsDesigned responsive interface with modern JavaScript frameworks for seamless user experience	
Singularity-Wars <i>Python, OpenGL, 3D Graphics</i> GitHub	2025
<ul style="list-style-type: none">Developed 3D space combat game with real-time rendering, advanced lighting, textures, and physics simulationReleased packaged game with optimized performance and cross-platform compatibility	
ATM Machine Simulator <i>Assembly Language, Microprocessor Programming</i>	2025
<ul style="list-style-type: none">Programmed low-level ATM with transaction handling, optimized for efficient memory and processor cycles	

LEADERSHIP EXPERIENCE

Assistant Director <i>BRAC University Computer Club (BUCC)</i>	December 2024 - February 2026 Dhaka, Bangladesh
<ul style="list-style-type: none">Lead operations across 7 departments serving 1400+ members; manage budgets, sponsors, and vendor relationsOrganized TechConnect Career Fair connecting students with 40+ tech companies including industry leaders	
Assistant Director <i>BRAC University Leadership Development Forum (BULDF)</i>	January 2024 - January 2026 Dhaka, Bangladesh
<ul style="list-style-type: none">Orchestrated 10+ large-scale events including Freshers Orientation for 1000+ attendees annuallyLed Mental Health Awareness initiatives; partnered with external organizations like It's Humanity Foundation	

PROFESSIONAL EXPERIENCE

TAKEOUT Ambassador <i>TAKEOUT - Premium Burger Restaurant</i>	November 2022 - March 2023 Dhaka, Bangladesh
<ul style="list-style-type: none">Represented brand at promotional events; provided customer insights to improve service quality	
Executive - Sales & Management <i>Odezhda - Online Fashion Retail</i>	June 2022 - October 2022 Dhaka, Bangladesh
<ul style="list-style-type: none">Managed inventory systems and logistics; analyzed sales data to optimize product recommendations	

ACADEMIC ACHIEVEMENTS

General Scholarship - Higher Secondary Certificate (HSC)	2020
<ul style="list-style-type: none">Awarded government scholarship for outstanding academic performance.	
Talent Pool Scholarship - Primary School Certificate (PSC)	2012
<ul style="list-style-type: none">Recognized among top-performing students nationwide for exceptional academic merit	