

# Md Ahasanul Haque Sazid

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## EDUCATION

**Shahjalal University of Science and Technology**

*Bachelor of Science in Computer Science & Engineering; CGPA: 3.48/4.00*

**Sylhet, Bangladesh**

*Mar 2022 - Feb 2026*

## TECHNICAL SKILLS

**Languages:** C, C++, Python, Java, JavaScript, Kotlin

**Web & Mobile:** React.js, Node.js, Express.js, Spring Boot, REST APIs, Android (Jetpack Compose)

**AI/ML & Tools:** AI Agents (SmythOS), LLM Training, Git, MySQL, PostgreSQL, MongoDB(NoSQL), Docker

**Core Competencies:** Data Structures & Algorithms, OOP, Software Design Patterns, API Development, Database Design, PyTest

## PROFESSIONAL EXPERIENCE

**AI Tester & Trainer**

*Outlier.ai*

**Feb 2024 - Mar 2025**

*Remote*

- Train and evaluate LLM responses for Bangla processing and coding tasks, improving accuracy with 200+ test cases
- Test API workflows and AI agent systems, ensuring 98%+ correctness in production environments

**Web Development Intern**

*College Samaj*

**Jan 2024 - Feb 2024**

*Remote*

- Developed responsive web applications using HTML5, CSS3, and JavaScript, improving user engagement by 30%
- Conducted UI/UX optimization and cross-browser testing across 5+ browsers to ensure compatibility

**AI Training Specialist**

*Remotasks.com*

**Feb 2023 - Oct 2023**

*Remote*

- Created 100+ editorials and optimized test cases across C++, Python, and Java for programming problem
- Provided high-quality labeled data for ML models, maintaining 95%+ accuracy in annotation tasks

## PROJECTS

**Research Paper RAG System**

*Python, Qdrant, Docker, Ollama, PostgreSQL, Next.js*

**Nov 2025**

- Built intelligent query system with RAG pipeline, semantic search, and citation extraction with confidence scoring
- Implemented vector database (Qdrant) for semantic search and query analytics with modern Next.js/React UI

**Smart-IELTS: AI-Powered Learning Platform**

*React.js, Node.js, SmythOS*

**Sep 2024**

- AI-powered IELTS platform with adaptive learning and real-time feedback
- Integrated SmythOS AI agents for personalized scoring and analytics; built full-stack with React and Node.js

**Club Management System**

*MERN Stack*

**Jan 2024**

- Developed full-stack university club system with event scheduling, role-based access control, and member tracking
- Implemented RESTful APIs and responsive React UI, optimizing database queries for 40% faster response times

## ACHIEVEMENTS & COMPETITIVE PROGRAMMING

- **HackTheAI 2025 National Finalist** - 4th place out of 50 teams with Smart-IELTS AI-powered learning platform
- **HackTheAI 2025 Preliminary** - 6th place out of 250+ teams, advanced to national finals (Top 12%)
- **850+ Problems Solved** - Codeforces (Pupil, 1200+), VJudge (325+), CodeChef (2-Star, 1437)
- **51th position at SUST IUPC 2023** - University-level programming contest