

Ashikuzzaman

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Summary

Enthusiastic Computer Science and Engineering student specializing in cybersecurity, with hands-on experience in machine learning, data science, and web development. Proven research and industry experience, with a strong commitment to delivering innovative solutions and continuous skill development.

Education

Bachelor of Science in Computer Science and Engineering **July 2019 – Present**

University of Barishal, Barishal, Bangladesh

GPA: 3.03/4.00

Higher Secondary Certificate, Science

May 2017 – July 2019

Govt. Syed Hatem Ali College, Barishal, Bangladesh

GPA: 5.00/5.00

Secondary School Certificate, Science

May 2017

Jhalakathi Govt. High School, Jhalakathi, Bangladesh

GPA: 5.00/5.00

Professional Experience

Django Developer (Part-Time, Remote)

July 2024 – February 2025

Fort Media Company

- Designed and developed back-end systems, APIs, and MySQL databases for business applications.
- Collaborated with cross-functional teams to meet project deadlines and deliver scalable solutions.
- Enhanced software engineering skills through real-world problem-solving and agile development.

Research Assistant

March 2025 – September 2025

University of Global Village, Bangladesh

- Contributed to cybersecurity, image processing, and computer vision projects, focusing on data collection, cleaning, and model development.
- Developed and tested machine learning models using Python, PyTorch, and scikit-learn on real-world datasets.
- Co-authored research papers, strengthening analytical and academic writing skills.

Publications

- *StackLiverNet: A Novel Stacked Ensemble Model for Accurate and Interpretable Liver Disease Detection* (Published, 2025)
- *An Optimized Decision Tree-Based Framework for Explainable IoT Anomaly Detection* (Accepted, 2025)
- *SDNGuardStack: An Explainable Ensemble Learning Framework for High-Accuracy Intrusion Detection in Software-Defined Networks* (Submitted, 2025)

Projects

- **Hospital Management System** (Java): Developed a system applying object-oriented design principles for efficient hospital operations.
- **Small Search Engine for Blog Articles with SEO Checker**: Implemented search algorithms and SEO optimization techniques for enhanced content discovery.
- **Sports Website and Hospital Management System** (HTML, CSS, PHP): Built responsive web applications to strengthen front-end and back-end development skills.

Skills

- **Programming Languages**: Python, C, C++, Java, HTML5, CSS, JavaScript, PHP, SQL
- **Frameworks & Tools**: PyTorch, scikit-learn, Flask, Django, GitHub, Linux, Ubuntu, LaTeX
- **Certifications**: Mobile App Development Course, EDGE Project, ICT Division Bangladesh (2024)

Research Interests

- Health Informatics
- Cybersecurity
- Image Processing
- Machine Learning

Training

Mobile App Development Course

March 2024 – June 2024

Enhancing Digital Government and Economy (EDGE) Project, ICT Division Bangladesh

[EDGE Project Website](#)

References

Dr. Rahat Hossain Faisal, Associate Professor and Chairman, Department of CSE, University of Barishal

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Dr. Md. Manjur Ahmed, Associate Professor, Department of CSE, University of Barishal

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