Obayed Mashfi

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Professional Summary

Ambitious final-year B.Sc. in Computer Science and Engineering student with strong front-end development skills and foundational knowledge in backend programming and machine learning. Experienced as a Web Executive for IEEE Computer Society Bangladesh Chapter and contributor to conference web teams. Passionate about UI/UX design, full-stack development, and research in machine learning-driven real-world applications. Keen to enhance backend expertise and engage in impactful tech research.

Education

B.Sc. in Computer Science and Engineering
International Islamic University, Bangladesh — Expected June 2026

- Focus: Software development, machine learning, research methodologies
- Relevant Coursework: Data Structures, Machine Learning, Web Development, Research Projects

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Experience

Web Executive
IEEE Computer Society Bangladesh Chapter — [Start Date] – Present

- Manage and update the official IEEE Bangladesh Chapter website, optimizing content delivery and member engagement.
- Collaborate with event teams to develop and maintain web platforms supporting conference promotion and communication.
- Ensure smooth website operations through regular troubleshooting and technical coordination.

Research Contributor – Machine Learning

- Conducted predictive modeling research including flood prediction and flight delay forecasting using machine learning techniques.

- Presented findings and supported academic dissemination efforts at conferences and workshops.

Web Team Member — QPAIN and COMPASS Conferences

- Developed and maintained conference websites using HTML, CSS, React.js, and MongoDB, ensuring seamless user experience for attendees.
- Coordinated front-end and backend tasks to deliver dynamic, responsive web platforms.

Skills

- **Programming & Web Development:** HTML5, CSS3, JavaScript, React.js, MongoDB, Basic Backend Development
- **Languages:** C, C++, Python
- **Machine Learning:** Model development and evaluation with Python—focus on real-world applications
- **UI/UX Design:** Enthusiastic learner with a growing skill set in user interface and experience design
- **Tools & Technologies:** Git, VS Code, Web development frameworks and libraries

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Projects

Flood Prediction Using Machine Learning

- Developed models predicting flood events using environmental datasets and advanced ML algorithms, improving early-warning accuracy.

Flight Delay Prediction

- Created a machine learning system to forecast flight delays, helping optimize scheduling and reduce passenger inconvenience.

Full Stack Web Projects

- Built responsive web applications leveraging React.js, HTML, CSS, and MongoDB backend, enhancing frontend functionality and backend data management.

Certifications & Achievements

- Certified Web Executive, IEEE Computer Society Bangladesh Chapter
- Web Executive, QPAIN Conference
- AgentX Prompt Engineering Certification
- Active contributor to machine learning research and conference web development teams

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Languages & Interests

- Languages: Bengali (native), English (fluent), Hindi (conversational)
- Interests: Web development (front-end and full-stack), machine learning research, UI/UX design, open-source contribution