Iftiar Chowdhury

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Profile summery

Detail-oriented Final year engineering student having experience in technical documentation, project coordination, and industrial maintenance. Proficient in MS office, ERP systems, and automation tools, with strong teamwork and organizational skills. Eager to apply problem-solving abilities and adaptability in a dynamic international environment.

Technical skills

• Embedded Systems: Python, Arduino, PLC Programming (Siemens TIA Portal).

• Robotics & Automation: ROS/ROS2, Linux for Robotics, Robot Control & Navigation LiDAR & Sensor Integration.

• Software & Tools: Microsoft Office Suite (Word, Excel, PowerPoint), ERP Systems, Maintenance Software.

• Web & UI/UX Development: HTML, CSS, JavaScript, Front-End Development, UI/UX Design, and SQL.

Experience

FRONT-END DEVELOPER AND E COMMERCE | AZMA TECHNO | SEPTEMBER 2024 – PRESENT
- Developed and optimized responsive websites, improving load times by 20% through efficient coding practices in HTML, CSS, and JavaScript.
- Enhanced user experience (UX) by implementing modern design principles, boosting user engagement metrics by 20%.
- Collaborated with a cross-functional team of designers and marketers to deliver SEO-optimized web content, achieving a 15% increase in organic search traffic.
- Integrated third-party APIs to expand website functionality, including payment gateways and social media features.

Internships and Trainings

ELECTRICAL AUTOMATION AND MECHATRONICS |: ENBW FORBACH | JUNE 2024
- Built an electric control box with emergency stop functionality and programmed Siemens PLCs using TIA Portal (FUP language) to automate production systems, ensuring safety and reliability.
- Configured capacitive, optical, and inductive sensors for part detection and optimized pneumatic cylinders for sorting tasks, enhancing automation precision.

Education

B.ENG. IN IT (INTERNET OF THINGS) | JULY 2025 | SAVONIA UNIVERSITY OF APPLIED SCIENCES, KUOPIO FINLAND

- **Focus Areas:** Industrial IoT, Embedded Systems, Robotics, Automation, Data Analytics.

ERASMUS EXCHANGE PROGRAM – INDUSTRIAL MANAGEMENT | MARCH 2024 | FH JOHANNEUM UNIVERSITY OF APPLIED SCIENCES, AUSTRIA

- Industrial Automation, Process Optimization, Smart Manufacturing, supply chain management.

Skills & Abilities

· Research and analysis

· Project management and leadership

· Teamwork

· Excellent interpersonal and communication skills

Activities and Interests

Research activities, environmental conservation, art, driving, music, travel