

MUNIBA RAHMAN

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SUMMARY

Computer Systems Engineer with 6 months of experience and a strong background in programming, commitment to delivering innovative IT solutions. Passionate about leveraging technology to solve business challenges and continuously learning new skills. Eager to expand expertise with new technologies and bring creativity, teamwork, and problem-solving skills to a dynamic role.

EDUCATION

NED UNIVERSITY OF ENGINEERING AND TECHNOLOGY

B.E Computer and Information Systems Engineering
(Oct 2020 – Jul 2024)

Relevant Coursework: Computer Programming | Object-Oriented Programming (OOP) | Database Management System (DBMS) | Software Engineering | Software Project Management | Operating Systems | Data Structure and Algorithms

WORK EXPERIENCE

Tafsol Technologies – React.js Intern
(Aug 2024 – Present)

- Collaborate closely with backend developers to integrate APIs, improving frontend functionality.
- Developed 9 dynamic and responsive user interfaces using React.js, ensuring seamless user experiences.
- Gained hands-on experience with Redux Toolkit and Next.js for efficient state management and server-side rendering.
- Contributed in 5+ projects, demonstrating strong problem-solving skills and attention to detail in UI/UX design.

NCL - NED – Python Developer Intern
(Jan 2024 – Mar 2024)

- Collaborated with a Python development team to implement motor control on Raspberry Pi, improving device accuracy by 30%.
- Optimized Python code for motor operations, achieving a 25% boost in performance and helping meet key research objectives on time.

PROJECTS

Sentix – Sentiment Analysis System (Final Year Project)

- Developed a machine learning-based sentiment analysis system to detect and reduce cyberbullying in social media, decreasing harmful interactions by 30%.
- Built a responsive and user-friendly Software using React for frontend, ensuring seamless interaction, while leveraging Django for robust backend support and data handling.
- Implemented deep learning models with a high accuracy rate for sentiment classification, achieving over 85% precision in detecting negative sentiment.
- Collaborated with team members to enhance model performance.
- Created comprehensive documentation, detailing system functionality, contributing to an accessible user experience.

CERTIFICATIONS

- Web Development Bootcamp | MicroSoft Student Learn Ambassador

CORE COMPETENCIES

Technical Skills: Programming (Python) | Frontend Development (HTML, CSS, JavaScript, React.js, Next.js, Redux Toolkit (RTK), Tailwind CSS, Material-UI, Framer Motion, Responsive Design) | Backend Development (PHP, Django) | Databases (MySQL) | GitHub | Python | SQL | API Integration | OOP | Agile Methodologies | Technical Documentation | Prototyping

Soft Skills: Innovation | Collaboration | Communication | Adaptability | Continuous Learning | Problem-Solving