

# Rahin Toshmi Ohee

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## EDUCATION

### Premier University (PUC) ↗

Bachelor of Science-B.Sc., Computer Science and Engineering; CGPA: 3.85/4.00 (till 7th)

*Chattogram, Bangladesh*

Nov 2021 – Dec 2025

## EXPERIENCES

### Web Developer Intern || Remote

*Chattogram, Bangladesh*

### NexGenix (GN) ↗

August 2025 – Dec 2025

- Selected as an intern for a 5-month program focused on innovation and industry exposure.
- Working on real-world IT and business incubation projects.
- Collaborating with peers and mentors to develop technical and soft skills.
- Gaining hands-on experience in problem-solving, teamwork and project execution.

## PROJECTS

### Event Planner// Laravel, MySQL, GitHub ↗

- Developed dynamic dashboards enabling event service listings, bookings, and reviews.
- Implemented user role management with Laravel 10 authentication.
- Integrated Stripe for secure, real-time payments.
- Used Mailtrap SMTP for automated booking confirmations via email.

### Food delivery time prediction using Machine Learning // Python, GitHub ↗

- Performed data preprocessing, feature engineering, and distance calculations using the Haversine formula.
- Trained multiple models (Random Forest, KNN, Decision Tree, Linear Regression) and selected the best one.
- Achieved 81% R-squared and 2.98 MAE using Random Forest.

### Early Detection of Breast Cancer using Machine Learning// Pandas, Numpy, Scikit-learn GitHub ↗

- Developed an end-to-end machine learning pipeline, covering data ingestion, model training, evaluation, visualization and deployment using Streamlit.
- Implemented and compared multiple classifiers (Logistic Regression from scratch & Scikit-learn, Random Forest, XGBoost) with comprehensive performance metrics (Accuracy, Precision, Recall, F1-score, AUC).
- Built a deployment-ready application with interactive visualizations, joblib-based model persistence and support for single, sample and batch (CSV) predictions.

### Sign Language Prediction using CNN // Python, TensorFlow, Keras, NumPy GitHub ↗

- Developed a CNN-based system to translate sign language gestures into text, improving accessibility for the hearing impaired.
- Utilized TensorFlow, OpenCV, and data augmentation techniques to enhance model accuracy.
- Aimed to bridge communication gaps in education, workplaces, and public spaces.

## TECHNICAL SKILLS

**Programming Languages:** C, C++, Python

**Frontend Technologies:** HTML, CSS, Bootstrap, JavaScript, Tailwind CSS , React.js

**Backend Technologies:** PHP, Laravel ,Node.js , Express.js

**Databases:** MySQL ,MongoDB

**Version Control and Developer Tools:** Git ,VS Code , Postman ,REST API , Xampp

**ML Libraries and FrameWorks:** TensorFlow, Keras, NumPy, Scikit-Learn.

## Memberships

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### IEEE Premier University Student Branch (IEEE-PUSB) [link ↗](#)

*Chattogram, Bangladesh*

Jan 2025 – Dec 2025

- Engaged in IEEE student branch activities, networking and technical events to enhance knowledge in engineering and technology domains.

## CERTIFICATIONS

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### Professional Certificate in Business Analytics // [link ↗](#)

BRIT COLLEGE OF ENGINEERING & TECHNOLOGY UNITED KINGDOM | May 2025

- Gained foundational skills in data visualization using Tableau and Power BI.
- Completed intensive 3-day masterclass on business data analytics.

### Certificate in Java Programming for Absolute Beginners// [link ↗](#)

OSTAD | July 2025

- Gained hands-on experience with basic Java syntax, control structures and OOP fundamentals.
- Developed a mini console-based project demonstrating core Java concepts.
- Completed an intensive 3-day workshop tailored for practical skill development.

### Aspire SkillUp Digital Skills Training Program // [link ↗](#)

Aspire Education Foundation | August 2025

- Completed a 1-month Aspire SkillUp Digital Skills Training Program , earning the Best Performer Award with a score of 90/100.
- Gained hands-on experience in UI/UX Design, Web Fundamentals, Digital Communication and Productivity Tools.
- Developed strong soft skills, presentation skills and professional etiquette for the tech industry.

### Research Paper Writing & Scholarly Presentation Masterclass // [link ↗](#)

Centre for Applied Research in Software & IT (CARSIT) | September 2025

- Successfully completed a 2-day masterclass on Research Paper Writing and Poster Assignment.
- Gained skills in academic writing, research communication and scholarly presentation.
- Demonstrated ability to prepare and present research in a professional academic context.