Doniel Tripura

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📍 Shahbagh, Dhaka, Bangladesh

EDUCATION

• **Khulna University of Engineering & Technology** *February 2020 - March 2025*
BSc. in Computer Science and Engneering Khulna 9203, Bangladesh
  ◦ GPA: 3.70/4.00

ACHIEVEMENTS

Ranked 5th - PSTU IT Carnival Programming Contest 2024	**November 2024**	🌐
Ranked 35th - Khulna Regional Inter University Programming Contest 2024	**November 2024**	🌐
Ranked 59th - UIU Inter-University Programming Contest 2025	**January 2025**	🌐
Ranked 170th - ICPC Dhaka Regional 2024 - DIU	**January 2025**	🌐
Selected as one of the Top Team - BitFest KUET Datathon 2025	**January 2025**	🌐
Specialist - Codeforces (Max Rating: 1501)		🌐
3 Star - CodeChef (Max Rating: 1766, Country Rank: 294, Global Rank: 7278)		🌐

EXPERIENCE

Ostad - Teaching Assistant (Remote) - Coding Interview Preparation **January 2025 - Present** 🔗

SKILLS

- **Programming Languages:** C, C++, Python, Java, Swift
- **Web Technologies:** HTML, CSS, Bootstrap, React, PHP, Laravel
- **App Development & Frameworks:** Java, XML, Swift, SwiftUI
- **Database Systems:** Firebase, Oracle, MySQL
- **Data Science & Machine Learning:** TensorFlow, Scikit-learn, Pandas, NumPy, Matplotlib, PyTorch
- **DevOps & Version Control:** Git, Docker, GitHub Actions
- **Tools & Technologies:** VS Code, Android Studio, XCode, Figma, Postman

PROJECTS

Foodier - Dual iOS app for food management **Sep 2023 - Jan 2024** 🔗
A SwiftUI-based app with a dynamic HomeView for personalized restaurant exploration and a Firebase Firestore-powered order queue, improving processing speed by 50%.

KUET-BANK - Android banking application **Sep 2022 - Jan 2023** 🔗
Features secure login with OTP, real-time transactions, and a loan/EMI system for seamless financial operations.

KUET-BANK - Web-based banking system **Feb 2023 - Feb 2024** 🔗
Provides secure customer login, real-time transactions, an employee dashboard, and an admin panel for analytics.

Heart - An Android application for patient heart rate data **September 2021 - December 2021** 🔗
Manages patient heart rate data with Firebase, featuring real-time storage, search functionality, and an intuitive UI.

Automatic Bill Generator - Desktop app for KUET teacher's bill calculation **Sep 2022 - Dec 2023** 🔗
Automates KUET teacher's payment calculation based on departmental activities, featuring a data-driven engine for streamlined processing and integrated report generation.

EXTRA CURRICULAR ACTIVITIES

General Member - SGIPC 🔗
Enhanced problem-solving and teamwork through competitive programming discussions.

Event Organizer - BitFest 2025 🔗
Organized the Inter-University Programming Contest (IUPC) and managed event logistics.