# NURUN NAHAR FIHA

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🌐 Portfolio  in Nurun Nahar Fiha | LinkedIn  ⌗ Nurun Nahar Fiha | GitHub

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## EDUCATION

**Bachelor of Science**  📅 2019 - 2024

Department of Computer Science & Engineering
**Jahangirnagar University**
Savar, Bangladesh.
**CGPA :** 3.69 out of 4

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## SKILLS

- **Competitive Programming:** Solved 1000+ Problems in different online judge like Codeforces, UVa, Vjudge, Atcoder, Leetcode.
- **Language:** C, C++, Java, Python
- **Frontend:** JavaScript, HTML5, CSS3
- **Backend**: Node JS, REST API
- **Database:** MySQL, MongoDB
- **Framework:** React JS, Django, Bootstarp5, Tailwind CSS, Cypress
- **Web Architecture:** MVC, MVT
- **Tools:** Git & GitHub, Postman, VS Code, Qase Microsoft Azure Board, Slack, Trello, Discord.

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## EXPERIENCE

### SQA Engineer

Zelf Technologies Inc.

📅 Dec 2024 – Present  📍 New York, USA

Zelf helps brands adapt to changing consumer behaviors by utilizing social listening, reporting, sentiment analysis, and AI-driven engagement on video-based platforms.

### Junior SQA Engineer

Dynamic Solution Innovators (DSi)

📅 April 2024 – Dec 2024  📍 Mohakhali, Dhaka

**Project Name:** KeyPleaz, a USA-based app connecting Real Estate Agents Instantly.
**Responsibilities:**
- Conducted functional, regression, sanity, smoke and user acceptance testing.
- Reported and tracked bugs using Microsoft Azure Board.
- Developed and managed test cases in Qase.
- Assisted PM & BA with writing, reviewing, and providing feedback on user stories, coordinating with developers for project alignment.

### Frontend Developer

Ju Journal Site Building

📅 May 2023 – Dec 2023  📍 JU, Savar, Dhaka

It is a project of complete journal publishing website using PKP-OJS, and I worked as frontend developer here using HTML5, CSS3, JS.

## PROJECT EXPERIENCE

- **OBE Based Result Management System**  ⌗ OBE

  ⬢ Python, Django, HTML5, CSS3, Bootstrap, JS, SQLite
  - Students can search and view their own results or entire batch results.
  - Teachers can prepare and analyze results for their corresponding courses using Co-Po attainment graphs generated by the system.
  - Department chairs and university administrators can monitor and evaluate academic performance at both the departmental and university levels.

- **Konta Niben - an E-commerce System**  ⌗ Konta-Niben

  ⬢ MERN, JSDoc, Jest, GitHub, GitHub Actions, GitHub Wiki, Trello, Discord
  - Followed SDLC principles.
  - Used Agile methodology and 2 Sprints for features implementation.
  - Used JSDoc for documentation, Jest for Unit testing and GitHub Actions for Continuous Integration testing.

- **Cyber Bullying Detection using Machine Learning**

  ⬢ Python, Git, Google Colab, Kaggle  ⌗ Cyber-Bullying
  - Multi-Level-Toxic Bengali comment Dataset from Kaggle has been used.
  - Applied Logistic Regression, SVM, Decision Tree, XG-Boost and Random Forest.
  - To find out the best algorithm for this project performed several cross validation check and compared which algorithm will give best result.

- **BoiPoka**  ⌗ BoiPoka

  ⬢ React JS, Tailwind CSS, Mockaroo  🌐 BoiPoka-Live

  A frontend book store where users can find various types of books to buy.

- **CINEFLIX**  ⌗ Cineflix

  ⬢ HTML5, Tailwind CSS, JavaScript  🌐 Cineflix-Live

  Cineflix is a frontend video rendering site using Tailwind CSS.

- **JU CSE ROUTINERY**  ⌗ JU-CSE-Routinery

  ⬢ JAVA, Android Studio, Android SDK, SQLite

  A mobile application for organizing CSE department class routine for individual batch.

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## ACHIEVEMENTS

- **Fundamental Information Technology Engineer Examination (FE) full passer (October 2023) - Rank 35th**
  *ITEE is the national-level IT Engineers Examination governed by IPA, Japan.*

- **Received scholarship 3 times for my outstanding academic performance, covering up to the third year of my studies.**

- **Certificate of Appreciation - NGPG 2021 (12/2021)**
  *Organized by ICT Division*

- **Certificate of Appreciation - ADA Lovelace National Girls' Programming Contest 2021 (12/2021)**
  *Issued by Bangladesh Open Source Network (BdOSN)*

- **Certificate of Achievement (04/2021)**
  *ICPC - International Collegiate Programming Contest*