

Ullash Bhattacharjee

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Experience

- **BJIT Group**, Trainee Software Engineer **April 2023 - July 2023**
Technology – Java EE , Spring-Boot, React-JS , Microservices, Spring Security(JWT), Git , Redmine
- **Trenza Softwares**, Web Application Developer **Feb 2023 - April 2023**
Technology – Php , Laravel , Bootstrap

Education

- **B.Sc. in Computer Science & Engineering**, Ahsanullah University of Science and Technology **2018 – 2023**
CGPA – 3.179 (out of 4.00)
- **Higher Secondary Certificate (HSC) Examination**, Dhaka Board **2017**
Government Science College, Science Group
CGPA – 5.00 (out of 5.00)
- **Secondary School Certificate (SSC) Examination**, Dhaka Board **2015**
Willes Little Flower School & College, Science Group
CGPA – 5.00 (out of 5.00)

Skills Summary

- **Languages and Frameworks:** C, C++, C#, Python, PHP, SQL, JAVA, Spring-Boot, React, Webgl.
- **Familiar with:** Javascript , Three.JS , Android.
- **Databases:** MySQL, MS SQL, Oracle (PL/SQL).
- **Tools:** Visual Studio Code, Visual Studio, Android Studio, PyCharm, IntelliJ, GIT.

Competitive Programming Profile

- **CodeChef:** Max Rating - 1609 (3 Star). [\[Link\]](#)
- **UVA:** 80+ problems solved. [\[Link\]](#)
- **Codeforces:** 565+ problems solved . Max Rating - 1371. [\[Link\]](#)
- **Problem Solving:** 950+ problems solved over different online judges. [\[Link\]](#)
- **Participating programming contests:** AUST Spring ' 2019 , Fall ' 19 , Fall ' 2020 , Spring ' 2021.

Academic Projects

- **Trainee Selection System (BJIT Academy Final Project):** Trainee Selection System is an automated software solution that simplifies and streamlines the process of selecting trainees for job positions. It offers efficient applicant registration, comprehensive evaluation, and smooth communication among stakeholders.
Technology/Tools: OOP, Spring, React, MySQL, Spring, Security(JWT), Hibernate (JPA), React-Hooks, Unit Testing(Mockito), Builder design pattern, Google-Zxing(Barcode), Github , Redmine [\[Link\]](#)
- **Book Application (BJIT Academy Mid Project):** This restful project consists of six microservices, including API Gateway, Discovery Server, Cloud Config Server, Authentication Service, Book Service, and Book Inventory Service. It ensures secure communication, efficient service discovery, and centralized configuration management for a seamless online book-shopping experience.
Technology/Tools: Spring, MySQL, Spring Security (JWT), Micro-Service, Zipkin, Hibernate (JPA) , Circuit-Breaker, Builder design pattern, REST-API, Github, Redmine [\[Link\]](#)
- **HR Manager:** This project is based on an organizational payroll activity where every employee's payroll can be calculated in a structured way.
Technology/Tools: Raw-PHP, HTML, CSS, Bootstrap, PHP-Excel, Github, FileZilla, DOM-PDF [\[Link\]](#)

- **Payroll Management System (Distributed Database Project):** A Payroll Management project, that finds out the employees all kinds of information related to payroll from the server side, and the employee himself/herself can access the VM Ware site to find out him/her all personal details.
Technology/Tools: Oracle PL/SQL, Github [[Link](#)]
- **Path-Way Services (Software Engineering Project):** A website built with the proper knowledge of information system design and software engineering that will help to purchase tickets for public transport.
Technology/Tools: Php, MySQL, Html, CSS, Bootstrap, Xampp-Server. [[Link](#)]

Publications

- **“PerSign: Personalized Bangladeshi Sign Letters Synthesis”** : Mohammad Imrul Jabair, Ali Ahnaf, Tashfiq Nahiyah Khan, Ullash Bhattacharjee, Tanjila Joti. A part of my thesis work has been accepted at an A* conference (UIST 2022) as a poster. [[Link](#)]

Honors and Awards

- Placed 14th (Group) position out of 37 groups in Cefalo Codefiesta Intra AUST Programming Contest.
- Placed 11th (individual) position out of 62 in intra AUST Game Of Codes Fall ' 19 .

Other Experience

- **Participation at Workshop** Dhaka, Bangladesh
Arranged by "ONLINE SOHOPATHI" on contest programming and basic C programming. Nov 2018
- **Event Organizer at AUST** Dhaka, AUST
Organized events and volunteered for some onsite contests.

References

- **Prof. Dr. Kazi A Kalpoma**, Former Head of CSE Dept. and Director of ICT, AUST, Bangladesh
Email: kalpoma@aust.edu
- **Mr. Mohammad Imrul Jubair**, Research Assistant, University of Colorado Boulder, USA
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