

# ARAF AL-JAMI

arafaljami1331@gmail.com ◇ araf.aljami.me ◇ +8801755045141 ◇ Dhaka, Bangladesh

## SUMMARY

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Around 2 years of working experience as a software engineer, with a strong pursuit of problem-solving. Hands-on experience in building enterprise applications and maintaining best practices with OOD. Followed SOLID principles and design patterns to write clean, maintainable, and adaptive code.

## SKILLS

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**Languages:** C#, Typescript, Javascript, C/C++, Java, Python

**Specialties:** .NET, .NET Core, Node js, Express, Web API, Git, IdentityServer4, Agile, Angular

**Database and messaging:** MongoDB, EF Core, MySQL, MassTransit, RabbitMQ, Mqtt, Azure Service Bus.

## EDUCATION

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**Leading University, Sylhet**

*September 2014 - April 2019*

Bachelor of Science in Computer Science and Engineering

## EXPERIENCE

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**Shohoj Limited, Dhaka**

February 2020 - Present

*Software Engineer, Backend*

- Refined the **Nearest provider search**, improving the performance up to **3x** times.
- Developed a service to provide, **Identity Access Management** service for **1+ million users**.
- Developed tools to migrate **1+ million users**, from **12** different user store to **1** single consolidated user store.
- Designed and developed, **User Access Management** system which consolidated user management for **6** different verticals to **1** single system.
- Implemented a service, to aggregate location history data in a friendly format for the data science team.

**Leading University, Sylhet**

July 2020 - Present

*Competitive Programming Trainer*

- Arranged and taken classes on competitive programming topics, data structures, algorithms.
- Arranged practice contest for students.

**SELISE rockin' software, Dhaka**

November 2018 - January 2020

*Software Engineer*

- Used Angular, AngularJS to develop Single Page Applications
- Used Dotnet Core technologies to develop REST API.
- Worked on multiple projects and implemented business requirements for Selise Auditing and Certification Platform.

## AWARDS & ACHIEVEMENTS

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**Onsite Competitive Programming Contests**

*September 2014 - Present*

- 10<sup>th</sup> place (4<sup>th</sup> place University wise) out of **150** teams, at IUBAT ACM NCPC 2018. [link]
- 16<sup>th</sup> place (8<sup>th</sup> place University wise) out of **120** teams, at MIST IUPC 2019

**Online Competitive Programming Contests**

*September 2014 - Present*

- Active participant in online coding challenges on sites such as **TopCoder**, **Codeforces**.
- Achieved Maximum Rating of **1982 (top 4%)** in **Codeforces**. **Handle: CLown1331**. [link]

- Achieved Maximum Rating of **1469 (Division 1)** in **TopCoder**. **Handle: CLown1331**. [\[link\]](#)
- Solved around **2800** problems in various online judges. [\[link\]](#)

## PROJECTS

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### **Project Renegade**

*September 2017*

- An FPS game Android Platform. Developed as University Third year final project. Technologies used: Unity3d, C#, Blender. [\[link\]](#)
- Lead the development team and executed the development process.
- Task distribution and help team members to complete their task in time.
- Developed the Gameplay system, UI System, AI System.
- Developed tools for the level designer to quickly and easily create gameplay elements.

### **Coder Ranklist**

*September 2020 - Present*

- A system to aggregate competitive programming profile performance for easier evaluations of overall performance . [\[link\]](#)
- Technologies Used: Nodejs, Express, Redis, MongoDB, Heroku.
- Designed and implemented a queue-based system, using Redis to aggregate competitive programming profile performance.