

# Fuad Hasan

Bachelor of Science  
Ahsanullah University of Science & Technology

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## EDUCATION

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| • <b>Ahsanullah University of Science &amp; Technology</b>     | 2017-22    |
| <i>Bachelor of Science in Computer Science and Engineering</i> | CGPA: 3.34 |
| • <b>St. Joseph Higher Secondary School</b>                    | 2016       |
| <i>Board of Intermediate and Secondary Education, Dhaka</i>    | GPA: 5.00  |
| • <b>Rowmari C.G. Zaman High School</b>                        | 2014       |
| <i>Board of Intermediate and Secondary Education, Dinajpur</i> | GPA: 5.00  |

## PERSONAL PROJECTS

- Web Based Facial Authentication(Liveness Detection)**  
*A website based facial authentication system, implemented using a Chrome Extension.*
  - Facilitating users' logins to websites without having to remember their credentials
  - Used Live detection techniques to create high order security.
  - Technology Used: Python, Reactjs, Bootstrap.
- Realtime Chat App**  
*A react based web application which allow users to chat in real time.*
  - Used Firebase Authentication(SDK) to facilitate authentication & Cloud Firestore to store data.
  - Technology Used: Reactjs, Firebase, Bootstrap, HTML.
- Covid-19 Tracker**  
*Daily and weekly updated statistics tracking the number of COVID-19 cases, recovered, and deaths.*
  - Tracking world-wide cases using google maps and live API stats and datasets.
  - Technology Used : JavaScript , CSS, HTML, API.

## EXPERIENCE

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|---|---------------------|
| • <b>AWS Cloud Virtual Internship</b>   | May - July 2023     |
| <i>AICTE-Eduskills</i>  | Online              |
| <ul style="list-style-type: none"><li>– In-depth understanding of AWS cloud computing services, including EC2, S3, RDS, Lambda, IAM, VPC, and more.</li><li>– Proficient in designing, deploying, and managing fault-tolerant, highly available, and scalable AWS solutions.</li><li>– Strong knowledge of architectural best practices, such as AWS Well-Architected Framework, security, performance, and cost optimization.</li><li>– Hands-on experience in cloud infrastructure provisioning, monitoring, and automation using AWS Management Console and AWS CLI.</li></ul> |                     |
| • <b>Palo Alto Cybersecurity Virtual Internship</b>   | Dec 2022 - Feb 2023 |
| <i>AICTE-Eduskills</i>  | Online              |
| <ul style="list-style-type: none"><li>– Learned the fundamentals of Security Operations Center (SOC).</li><li>– Learned basics of Network &amp; Cloud Security.</li></ul>   |                     |

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C/C++, Python, Java, HTML+CSS

**Libraries :** C++ STL, Python Libraries

**Web Dev Tools:** VScode, Git, Github

**Frameworks:** Django

**Cloud/Databases:** MongoDB, Firebase, Relational Database(mysql)

**Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.

**Areas of Interest:** Web Design and Development, Cloud Security.

**Soft Skills:** Problem Solving, Self-learning, Adaptability