



# MD. FARHAN ZAMAN

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## EDUCATION

Master of Business Administration, BRAC University Date: 2022- present	BSc in Computer Science & Engineering, BRAC University Date: 2017- 2021 GPA: 3.76/4.00	HSC (Science), Dhaka College Date: 2015-2016 GPA: 5.00/5.00	SSC (Science), Ideal School and College Date: 2009-2014 GPA: 5.00/5.00
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## EXTRA-CURRICULAR ACTIVITIES & ACHIEVEMENTS

- Gov. Scholarship: Junior School Certificate (JSC) Board Exam 2011.
- Directed National Science Fair as General Secretary of Dhaka College Science Club, 2015.
- Completed training in Animated Film Making (3 months), 2017.
- Volunteered at the 2018 International Nutrition Olympiad, Dhaka, Bangladesh.
- Participated in 3 campaigns as Sr. Executive of BRAC University Community Service Club, 2018 to 2019.
- [LeetCode](#), [Beecrowd](#), [Hackerrank](#), [Codeforces](#) – Competitive Programming.

## PROFESSIONAL EXPERIENCE

<a href="#">BJIT Group</a> April 2022– present Software Engineer, JAVA (Full-Time) Project: <a href="#">Pocketalk Ventana</a>	<a href="#">Doodle Inc.</a> Sep 2021– Feb 2022 Full Stack Engineer, MERN (Full-Time) Project: <a href="#">Tribel - A social platform</a>
<a href="#">Teeneck</a> July 2019– Dec 2021 Founder and Former Advisor (IT) (Full-Time)	<a href="#">Forecast</a> April 2018– Mar 2021 Lecturer, Mathematics & Physics (Part-Time)

## ACADEMIC RESEARCH

**Title:** “Execution of Coordinate Based Classifier System to Predict Specific Criminal Behavior using Regional Multi Person Pose Estimator”  
[Result of Study](#)

## EXPERTISE

HTML CSS JavaScript jQuery TypeScript	ReactJS Redux NodeJS NoSQL, MySQL GraphQL	Java Java EE SpringBoot PHP Python	Selenium Photoshop Illustrator Excel PowerPoint.
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## SELECTED PROJECTS

### [Pocketalk Ventana](#)

Enterprise-level web app for Pocketalk device management.

Tech Stack: Java, Spring Boot, JWT, OAuth, GCP (CloudSQL, BigQuery, Firestore, PubSub), AWS (S3, SES, SQS).

Dashboard for device stats, Device Manager, Group Manager, Report Section, Role-Based Security.

### [Tribel Social Network](#)

Tech Stack: Node.js, React.js, CSS, Redux, GraphQL, AWS Lambda, DynamoDB, Cognito. Multi-category feed, advanced search, serverless backend.

Notable: AWS integration, real-time data with GraphQL, Scalability, DynamoDB optimization.

### [C Academy TMS](#)

Digital system for optimizing training operations.

Tech Stack: Spring Boot, Spring Security, JWT Tokens, React JS, Redux, Axios.

Features: User management, course admin, performance evaluation.

### [CovidEase Mobile App](#)

Tech Stack: Java (Android), PHP (data scraping), Firebase Realtime DB, Google Maps API.

Features: Medical service map, disease status visualization, real-time updates.

Focus on real-time COVID-19 information.

### [Examiner](#)

Automated system for Exam taking and Evaluation through the web.

Tech Stack: PHP, HTML, CSS, JavaScript, jQuery.

Focus: MCQ exams, user account management, anti-cheating measures.

Skills: Prototyping, collaborative development.

### [Simba \(CSA\) NLP Project](#)

Artificial consumer service agent

Tech Stack: Python, pandas, torch, transformers.

Fine-tuning Microsoft/DialoGPT-large for e-commerce support.

Challenges: Data variance, model accuracy.

Ongoing R&D initiative accessible on GitHub

## REFERENCES

### **Md. Khalilur Rhaman, PhD**

(Thesis Supervisor)

Associate Professor, Brac University

Department of Computer Science and Engineering

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### **M Tanvir Khan**

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