Md. Ataur Rahman BHUIYAN

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🏛 EDUCATION

DECEMBER 2017	B.Sc. in COMPUTER SCIENCE AND ENGINEERING, **East West University**, Dhaka

☰ SKILLS

Programming:	JavaScript, TypeScript, Python, R, C, C++
Framework:	NestJS, Django, SailsJS, ExpressJS, NextJS, Tensorflow, NuxtJs
Web Dev:	React, Redux, Vue, GraphQL, Elasticsearch, Redis
Mobile Dev:	ANDROID, iOS, React Native
Database:	MongoDB, PostGreSQL, IBM DB2, MySQL, ORACLE
DevOps:	CI/CD, Docker
ML:	Recommendation, Regression, Classification, Statistical Analysis
Misc:	Linux, MS Office, Latex, git, Academic research, Teaching

💼 PROFESSIONAL EXPERIENCE

APRIL 2022-DECEMBER 2022

Software Engineer at Alagzoo

Working on developing and improving FinTech application to enhance the performance of the application and meet the requirements.

AUGUST 2020-APRIL 2022

Full-Stack Developer at CatchTheReview LLC

Working on developing and improving applications to enhance the performance of the websites and mobile phone. My role involves analyzing and constantly improve the websites and mobile applications to make them more user-friendly, more search engine friendly(SEO), faster and responsive.

APRIL 2021-AUGUST 2021

Back-end Consultant at Maven Workforce LLC

Design, develop, and improving job web portal and enhance the performance of the application. I am responsible to develop the entire back-end system of the application.

JULY 2019-JULY 2020

Software Engineer at Everexpert Info System

- Design and implement a developer's reporting tool in python and Django that resulted in a 15% increased in the development production and a $0.21M increase in yearly revenue.
- Improving monitoring software to supervise and analyze the employee's performance

🎓 Teaching Experience

Sept. 2019 - Current	Host **Online Classes** on Software Develepment
June 2013 - Jan. 2020	Worked as **Home Tutor**
Sept. 2016 - April 2018	Joined as **Tutor** in QED Coaching Center
January 2015 - June 2016	Joined as **Tutor** in Rupantar Coaching Center

💼 Research

March 2019-March 2020	**Statistical Analysis package for Microarray Gene Analysis** • Developing python package for differential gene analysis
Sept. 2018-August 2019	**Design and Development of Interactive Education Technology to enhance learning process** • Introduce a gaming environment in education which improves students performance by 25%
August-Dec. 2017	**Predictive Model Analysis with respect of Big Data Application for Healthcare System** • Design a data warehouse which control the massive volume of healthcare data • Apply predictive analysis to diagnosis diseases

📕 Publications

1. M. A. R. Bhuiyan, Q. M. Hasan, M. R. Ullah **"Play and Learn: Impact of Gaming Environment in Education,"** 14th International Conference on E-Learning and Games

2. M. A. R. Bhuiyan, M. R. Ullah, and A. K. Das, **"iHealthcare: Predictive Model Analysis concerning Big Data Application for interactive Healthcare System,"** Applied Science, vol. 9, no. 16, 2019, DOI: 10.3390/app9163365

3. M. R. Ullah, M. A. R. Bhuiyan, A. K. Das, **"IHEMHA: Interactive Healthcare System Design with Emotion Computing and Medical History Analysis,"** ICIEV & ISCMHT 2017, IEEE, Himeji, Japan, September 1-3, 2017, DOI: 10.1109/ICIEV.2017.8338606

4. **CI/CD configuration with GitLab Runner and pm2,** FAUN Publications (Tutorial)

👥 Leadership Experience

- **Team Leader** of iLafe Dhaka Team at CatchTheReview LLC
- **Team Leader** of Data Analysis research project at East West University
- **Senior Patrol Leader** of 42nd T and T High School Scout Team

📖 Conference and Workshop

DECEMBER 2021	**INTERNATIONAL CONFERENCE ON E-LEARNING AND GAMES** by Edutainment 2021 at Zhengzhou, China
SEPTEMBER 2017	**INTERNATIONAL CONFERENCE ON INFORMATICS, ELECTRONICS, AND VISION** by 6th ICIEV & ISCMHT 2017 conference at University of Hyogo
JUNE 2017	**WORKSHOP ON LATEX** by East West University Science Club
APRIL-JUNE 2014	**STUDENT LEADERSHIP DEVELOPMENT WORKSHOPS** by Bangladesh Center for Communication Programs
FEBRUARY 2008	**11TH ANNUAL TRAINING CAMP-2008** by Bangladesh Scouts

🎓 MOOCs

MAY 2019	**IBM DATA SCIENCE PROFESSIONAL CERTIFICATE**, a non-credit series authorized by **IBM** through coursera (ongoing)
MAY 2019	**DATA SCIENCE SPECIALIZATION**, a non-credit series authorized by **Johns Hopkins University** through coursera (ongoing)
MARCH 2019	**DATA SCIENCE FOR EXECUTIVES**, a program offered by ColumbiaX, an online learning partnership between **Columbia University** and edX
NOVEMBER 2018	**EFFECTIVE THINKING THROUGH MATHEMATICS**, a course of study offered by UTAustinX, an online learning initiative of **The University of Texas System** through edX
NOVEMBER 2018	**ESSENTIAL MATH FOR DATA ANALYSIS USING EXCEL ONLINE**, a course of study offered by Microsoft, an online learning initiative of **Microsoft Corporation** through edX

🎏 Extra-Curricular Activities

- **Marketing Ambassador** at Volunteer Science.
- **Member** at East West University Computer Programming Club.
- Participated in **writing competition**.
- Participated in **Bangladesh Chess Championship**.

🌐 Community Service

- Contributed in the peer review process at **IEEE Access**.
- Arranged a workshop on **Effective thinking for Problem Solving** at East West University.
- Worked as an **Editor** of "Spring 14" – a magazine published by CSE Department.
- Volunteered in **relief distribution activities** for refuge affected by Cyclone "Sidr."

❝ References

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