Adnan Azmat

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Information Technology
Birla Institute of Technology, Mesra

Machine Learning and Data Science enthusiast
Web Developer and Competitive Coder

EDUCATION

Kerala Samajam Model School, Jamshedpur — **ICSE** (97%)   2003 - 2015

Rajendra Vidyalaya, Jamshedpur — **ISC** (94%)   2015 - 2017

Birla Institute of Technology, Mesra Ranchi   2017 - 2021 (Expected)
B.E. Information Technology (GPA: 7.83)

EXPERIENCE

Institute of Electrical and Electronics Engineers (IEEE Student Branch)   AUG 2018 - PRESENT
Executive Member: Organising Workshops on DS and Algorithms, ML and Data Science, Web Development;
Competitions to foster interest in Computer Science during Bitotsav and Pantheon; Mentored Juniors

IET On Campus - BIT Mesra   AUG 2018 - JAN 2019
Member: Organised workshop on GIT, Python, C/C++ and JavaScript

United Engineers Speaking and Quizzing Organization (UNESQUO)   AUG 2017 - PRESENT
Events Coordinator: Hosting Quizzes, Weekly Quark Sessions, Organising Debate and Speaking Competitions

LXL Ideas, Jamshedpur   JUN 2017 - AUG 2017
Quizmaster: Hosted Dell Champs (Tech Quiz for school students and parents) in multiple schools in
partnership with Dell

Thinq2Win   MAR 2015 - APR 2015
Content-Creator: Researched and provided quality content for Quizzes by Thinq2Win

PROJECTS

BloodShare — *Blood Donation Initiative* 🔗   JUN 2019

Thousands of lives are lost as blood is not available for victims when required. This project solves the problem of blood
donation requests on social media platforms with authentic in-time notification to the right people. Hospital can send
notification to nearby donors of required blood group.

· Alert nearby eligible donors for emergency blood
· List nearby hospitals, dispensaries and camps and Integration with Blood Banks
· e-certificates and recognition for donors
· Stack: Android Dev, Rest API, Google Maps API, Web Dev, Twilio

ZeroToNine — *Handwritten digit recognition*   MAY 2019

· A Kaggle competition
· Identify digits from a dataset of tens of thousands of handwritten images
· Learnt TensorFlow, Convolutional Neural Networks, Keras, Machine Learning Algos, Fundamentals of Computer Vision

SaveEarth — *Monitoring Social Media for Disaster Alert* 🔗   NOV 2018

Increasing use of social media is proving handy to detect and analyse weather changes and disasters. Past natural disasters have shown that social media is helpful in relief work and even prediction of disaster. The idea is to efficiently monitor social media and detect, notify and inform during disasters.
· Stack: Docker, Azure, Android Dev, Web Dev, Database Management on Cloud, Tweepy, TensorFlow, Twilio

PlayFair — *Hack for Online Trivia Games* 🔗   JUL 2018

A reliable hack to display correct answer in real time while playing live online trivia games

· Learnt Python, Web Scraping, APIs, robots.txt and Multi-threading

ExpressWeb — *A Blogging Website* 🔗   JUN 2017

A complete blogging website using Flask where users can register and post content

· Stack: Flask, Jinja, Heroku Website Deployment

ACHIEVEMENTS

· Among the top 5 teams across India at Jharkhand StartUp Hackathon 🔗   JUN '19
· Among top 10 teams at CodeZilla OnSite Finals (Competitive Programming Contest)   FEB '19
· Reliance Quiz-a-thon Business Quiz Runners Up 🔗   FEB '19
· Second Runners Up at RUN IO Hackathon organised by NIT Rourkela 🔗   DEC '18
· Runners Up at XISS Xigyasa Corporate Quiz 🔗   NOV '18
· Finished Runners Up at Microsoft Codefundo++ Hackathon 🔗   OCT '18
· Runners up at Club Futsal (InterClub Street Football Competition)   SEP '18
· Tata Steel Millennium Scholarship   AUG '17
· Runners Up at Tata Steel Kids of Steel Quiz 🔗   JAN '16
· TCS IT Wiz National Champions 🔗   DEC '15
· Winners at Prof. P. Ramachandra Rao NML Science Quiz 🔗   NOV '14
· National Finalist at Bournvita Quiz Contest 🔗   AUG '11
· Numerous other inter-school and inter-college quizzing events

SKILLS

Data Structures, Algorithms, Machine Learning, Data Science, Web Development