

# FATEMA MOTIWALA

## COMPUTER ENGINEERING GRADUATE

### PROFILE

A Computer Engineer who is a keen and enthusiastic learner. Computer Science interests me and I like the path of innovation using technology and building things to make an easier life.

### CONTACT

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### ACHIEVEMENTS / ACTIVITIES

- [1<sup>st</sup> Prize in Smart India Hackathon 2019](#)
- [2<sup>nd</sup> runner up in Smart India Hackathon 2020 intra round](#)
- [Published a research paper in Elsevier's SSRN Digital Portal](#)
- Participated in CSI Hackathon, KJSCE HACK
- [IBM digital badge for Data Science Methods](#)
- [IBM digital badge for Python for Data Science](#)
- Member of Art Team in Engineering College

### COURSES

- [Machine Learning by Stanford University](#)
- [2 courses Big Data Specialization by University of California San Diego](#)
- [8 courses of Data Science Professional Course by IBM](#)
- [30 days of Google certification](#)
- Human-Computer Interaction by GeorgiaTech
- UX Foundations: Interaction Design by David Hogue
- [Accessibility for Web Design](#)
- [Design Thinking](#)
- [Figma for UX Design](#)
- Learning Adobe XD by Tom Green

### SKILLS

Data Structures, Algorithms, Database, Python, C, Java, C# & .NET, HTML, CSS, JavaScript, Bootstrap, Flask, Django, Blockchain, Flutter, Figma, AdobeXD, Design Thinking, AWS, Azure

### HOBBIES

- Reading, Sketching, Swimming, Playing Music

## WORK EXPERIENCE

### ARCON TECHSOLUTIONS

SOFTWARE DEVELOPMENT INTERN

DECEMBER 2019 – JANUARY 2020

- Removal of Vulnerability in file upload using VAPT (**Burp Suite, JS, PHP**)
- Developed a UI Automation Testing application (**C# & .NET**)

MAY 2020 – JULY 2020

- Integration of Face Recognition unit as Dual Factor Authentication in PAM (**C# & .NET, JS, HTML, CSS, Bootstrap**)

JUNE 2021 – PRESENT

ASSOCIATE FUNCTIONAL ANALYST

- Suggesting feature enhancements and planning their end-to-end integrations with the product (**Privileged Access Management and Cybersecurity concepts**)
- Coordinating with cross-functional teams and overseeing **Cloud** and **DevOps** security aspects in product

## VOLUNTEER EXPERIENCE

### U&I – NGO

2018 – 2020

- Volunteer to teach an underprivileged child English and personality development skills
- Leader to manage a team of volunteers and functioning of a learning center

## EDUCATION

### K. J. SOMAIYA COLLEGE OF ENGINEERING

2017 - 2021

- BTech in Computer Engineering – CGPI: 9.43

### WILSON COLLEGE

2015 – 2017

- Maharashtra State Board HSC – 91.69 %

### ST. AGNES HIGH SCHOOL

2003 – 2015

- Maharashtra State Board SSC – 94.6 %

## PROJECTS

### TRACEME

Research Paper Published

- **Blockchain** based project for efficient food supply chain management
- Users interact with **Flutter** app to add products, record transactions and trace products back to their source along with other features
- Responsible for research, design and development of entire system

### HONESTY

Won 1<sup>st</sup> Prize in Smart India Hackathon '19

- Users can view various government policies, schemes and loans
- **PWA** cum **chatbot** application using **Flask, MongoDB, Dialogflow**
- Offline **SMS** using **TextLocal** and **multilingual** feature for rural India
- Responsible for front-end design and development of the application

### BULLIESEYE

2<sup>nd</sup> runner up in Smart India Hackathon '20 intra

- Application for detecting and preventing cyberbullying on social media
- **Tweeey** to scrape twitter tweets, identify abusive content and display analytics on the admin dashboard with an auto-generate report option
- **Chrome extension** to redact NSFW content on webpages and WhatsApp web
- **Telegram bot** for groups to remove misbehaving members