Md. Nasirul Haque

Contact Information:

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Objective:

I want to utilize my knowledge and skills for the betterment of the company in every possible way and society at large. At the same time, develop my experience and capabilities as an individual and be a part of success in an environment of growth and excellence.

WORK EXPERIENCE:

- Completed 2 years and 9 months in **Tata Consultancy Services Pvt Ltd**, working as a **Software Engineer** in BFSI SE & LATAM. I am also working as a **Principal Engineer** with **Team Odyssey** which is currently focused on delivering **Accessibility for Mobile and Web Application** of their product. This features accessibility using **Aria Compliance** and **Certification** for the same.

- Working in **Tata Consultancy Services Pvt Ltd**, working as a **Software Engineer** in BFSI SE & LATAM. I am working as an **Application Developer** and **Framework Developer** with **Team Odyssey** which is **building a new framework over the existing Angular 7**. Apart from this I am also working on **UI components and Web Application based on Angular 7**, and implementation of new features in the project such as **Over the Air Update (using build scripts which can directly deploy the packages, available for download, from the repositories)** and **scripts for automation of various day to day activities of a developer**.

- I am also a part of **TCS Interactive Project (under the Research and Innovation Team of BFSI) as a Full Stack Developer (MEAN Stack)**. I have working experience in **JAVA (JAVA EE or J2EE, JAVA SE)**, and have a basic idea of Hibernate. My project was based on **MEAN Stack (Mongo DB, ExpressJs, Angular, and NodeJs)**. Apart from this worked on **Python** also as an extension to the project I was doing.
  My work here primarily deals with development and deployment of automation tools which ease the life of developers by providing a full-scale generation of projects or accelerating the development of the same.

I have worked on two tools till now, for the **generation of Angular 5+ based web projects from scratch** and **generation of test cases (JUnit) of JAVA projects by building an eclipse plugin** for the same.

The current tool in the pipeline is based on **automating the testing pipeline of Web Applications based on JAVA which uses Selenium Tool for testing purposes**. It includes various fields of expertise including **NLP based on Python** and **Cucumber based Gherkin Script Translation.**

- Built a community platform (ILP Clan) for solving common queries during training period for the associates who joined the training recently. Worked as the role of Project Manager and Scrum Master with a team of 50 Associates to deliver the project. The project was implemented on the **JAVA JSP Servlet AngularJS and SQLite/Oracle** tech stack. The various **features** included **asking questions, Individual Profile Management**. **Admin Rights, answering of questions, maintaining the category of questions, likes, dislikes and spams, relevant questions to answer suggestion based on the categories and escalation of question to necessary levels as per requirements**.

TECHNICAL PROFICIENCY:

- Working Proficiency in **Angular 2+, NodeJs, Mongo DB, ExpressJs, Python, Javascript, Typescript, HTML, CSS, SCSS, Java SE, J2EE, Core Java**.
- Acquainted with **Basic C, Basic Core JAVA, Javascript and Basic Python** programming language.
- Experience in **Arduino Programming** and application based on **Arduino µC** (UNO and MEGA).
- Experience in building Hobbyistic robotics, both software and hardware.

CORE TECHNICAL STRENGTH:

- **Framework Development**
- **Full Stack Web Development** (**MEAN Stack** and **JSP Servlets**)
- Debugging and Error Solving
- **Automation Scripting** based of JS, Python and TypeScript
- Object Oriented Programming Language using **JAVA**
- **Data Structure** and **Algorithms**

Education:

- **Course:** Bachelor of Technology
  Discipline: Computer Science and Engineering (B-Tech)
  College: Netaji Subhash Engineering College; Kolkata, West Bengal, India
  Year of Completion: 2018
  DGPA: 7.75 (7.33, 7.14, 7.86, 7.15, 8.04, 7.46, 7.67, 8.95)

- **Course:** High School Degree (ISC)
  Discipline: Science
  School: St. Augustine's Day School; Kolkata West Bengal, India

Year of Completion: 2014 **GPA:**
90% (Best of Four) **Aggregate**
percentage: 87.43%

- **Course:** Secondary School Degree (ICSE)
  Discipline: Science
  School: St. Augustine's Day School; Kolkata West Bengal, India
  Year of Completion: 2012 **GPA:**
  91.6% (Best of Five) **Aggregate**
  percentage: 81.33%

LANGUAGE COMPETENCY:

Fluent in English, Hindi and Bengali.

AFFILIATIONS:

- **Team Lead** and **Task Coordinator** in TCS
- **Senior Mentor** of the Robonix, the robotics club of Netaji Subhash Engineering College.
- **Coordinator** of the Robonix, the robotics club of Netaji Subhash Engineering College.
- **Head** of the Robotics Event 'Metal Mayhem', of College's Fest in Avenir '16.
- Member of Phoenix, the official tech club of Netaji Subhash Engineering College.
- Had been an active member of Nature Club, LTS and several clubs in High and Secondary School.

INTERESTS AND HOBBIES:

- My interests include programming in different languages, developing and debugging; designing, building and implementation of technical objects like Tools, Software, Robots (manual, semi-autonomous and autonomous) and various miniature gadgets.
- My hobbies include playing computer games, outdoor games like cricket and sometimes football, watching movies, building robots.
- I love to walk discovering new places and locations nearby or somewhere which is adventurous.
- My passion mainly dwells in robotics and its applications. I would be very glad if I could progress in this field and do something for the society at large.

Projects:

- A Novel Gene Selection Technique Using Wrapper Approach on Microarray Gene Expression Data (Python Based Machine Learning)
- Robotics (Hobbyistic and Competitive)
- IOT (Smart Home Automation System based on Arduino)
- IOT (Smart Factory Automation System based on Arduino)
- Wirelessly Controlled Robotic Hand
- Cab Booking System (based on JSP, HTML, CSS, Bootstrap, JAVA)
- Canteen Management System (based on Python)
- Library Management System (based on JAVA)

- Ongoing (Dr. Assistant and Expense App)

STRONG POINTS:
- Leadership qualities.
- Teamwork abilities.
- Flexible and Adaptive.
- Responsible and Loyal.
- Management abilities.
- Quick learning ability.

ACHIEVEMENTS:
- **Innovation Pride Award**, **BFSI Hackathon**, **Runners up** in an online coding contest hosted by the **BFSI IOU of TCS** in field of Open Banking for building the UI based on Angular.
- **ILP Kudos Award** (Best Performer in the training Batch of TCS Trainees)
- Was awarded the **Best Designed Robot** in **Kshitij '18** the tech fest of **IIT Kharagpur**.
- **Stood 1st in "Battlefield"**, manual robot designing and building competition in Avahaan '16, pre-tech fest of Netaji Subhash Engineering College.
- Was awarded the best designed robot in Avenir '15 the tech fest of Netaji Subhash Engineering College.
- "**Medha Samman**" Award of Excellence for outstanding performance in class 12 board exams.
- **Certificate of Excellence** in **A Clue a Day** competition held online on a national level by crypticsingh.com.
- Stood **2nd** in **A Clue a Day Competition in 2014**, held offline on a national level by crypticsingh.com.
- Certificate of participation and completion in various other events and domains

FAMILY DETAILS:
- **Father:** Md Moinul Haque
  Designation: MBBS, DCH
  Occupation: Private Medical Practitioner

- **Mother:** Ishrat Parveen
  Occupation: Home-maker

- **Brother:** Farhanul Haque
  Designation: Engineer in the field of Information Technology, NSEC
  Occupation: Export Business

DECLARATION:
I hereby declare that the information furnished above is true to the best of knowledge.

Signature: Md. Nasirul Haque, **Place:** Kolkata