**PROFESSIONAL SUMMARY:**

* A full-stack developer, hands on with coding in Ruby on Rails.
* Have experience in designing and coding mobile apps from scratch with Android SDK and Java SE.
* Experience in front-end responsive devlopment with HTML5, CSS3, JQuery and Bootrap.
* Parsing RESTful web services JSON data with Axios API that dealing with XMLHttpReuquest.
* Understanding of source control management (Git/Github)
* Familiar with Agile mythology, ability to pick up new skills quickly, and a desire to learn.
* Maintaining Microsoft SQL Server High Availability solution
* Designing Database with T-SQL, MYSQL.

**WEB DEVELOPMENT PROJECT:**

TITLE OF THE PROJECT: Displaying Pokémon data from the remote Restful webserver.

LINK: <https://github.com/bhuiya/pokemon>.

FUNCTIONALITY: Using Axios library pull data from a REST server and displaying different attributes information to the fronted.

**Technical Skills:**

**Languages:** Ruby, Rail, HTML5, CSS3, SASS, Java Script, JQuery, Bootrap, Java SE, Android, T-SQL

**Database:** MS SQL Server 2016/2014/2012/2008R2

**Other Tools:** JIRA Ticketing System.

**MS Office:** Word, Excel, Access, Outlook and PowerPoint.

**Operating Systems:** Windows Server 2003/2008 R2/2012, Windows 7, 8 and 10, VMware 10

**WORK EXPEREINCE:**

**E.G.O Oberderdingen, Germany | Software Developer | Master Thesis** | **February 2013- June 2016**

* Designing and coding Android mobile apps to capture remote sensor data
* Storing critical data into the Android SQLite Database.
* Designing Android UX/ UI with CSS3, Android SDK and Adobe CS2.
* Developing database with PHP-MySQL that contain different components of IC’s.
* Experience with SQL Server High Availability solution such as Cluster, Mirroring, AlwaysOn and Log Shipping.

**Fraunhofer Institute, Germany | Research Assistant Software Developer | NATO Defense Project | June 2010- November 2010| April 2012- May 2012.**

**STUDENT PROJECT:**

Line Following Robot with Microchip 16F877A and Arudino Uno Microcontrollers interface with different components such as infrared sensor, DC motor, bread board, jumper cable, led. Development Environment: MPLAB.

* Creating two layer PCB board design
* Simulating Microcontroller interface in Proteus environment, such EPROM, pulse width modulation, stepper motor and DC motor behavior.

**Education/Certification:**

**Software Engineering Intensive| New York Code + Design Academy| July 2018**

Master of Sensor System Technology | Karlsruhe University of Applied Science, Germany| Nov, 2014

Master of Computer Science | Dresden University of Technology Dresden, Germany| March, 2010

**Microsoft Certification: Test center New York**

* Microsoft Certified Professional SQL Server 2016
* Microsoft Certified Querying Microsoft SQL Server 2012/2014

**CONFERENCE PUBLICATION:**

* **Controlling Line Following Robot with the Remote Web Server,** (Single Author).Proceedings of SAI Intelligent Systems Conference, (IntelliSys) London 2016. Lecture Notes in Networks and Systems, volume 16. Springer,

**PERSONAL**

* Permanent resident of USA, Driving Licenses in New York State