

# Sahil Johari

Pittsburgh PA 15219 | 214-458-7161 | sahiljohari12@gmail.com | [LinkedIn](#) | [GitHub](#)

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## Summary of Qualifications

Offering **2.5 years of experience** in software engineering. Currently **working as a Front-end Software Engineer** in agile environment and creating some exciting and rewarding user interfaces for web apps using modern frameworks.

– Key Competencies –

**Communication | Problem solving | Teamwork | Creativity | Passion | Quick Learning | Curiosity | Ownership**

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## Technical Skills

- HTML, CSS/SASS, JavaScript, React, Redux, Node, TypeScript
  - Cypress, Jest, Enzyme, RSpec-rails
  - Python, MySQL
  - REST API consumption, Git/GitHub
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## Professional Experience

**Software Engineer – Rivers Agile | IBM – Pittsburgh, PA**

**August 2019 – Present**

- Work on the front-end portion of *Discovery Tooling* - an online tool in IBM Watson™ Discovery, with 35 user stories completed so far
- Collaborate with other developers from front-end, back-end, and UI/UX designers to create product features
- Successfully completed and deployed over 18 user stories/features for product release in November 2019
- Developed and owned the conversational feature (**Chat Bot**) which uses Discovery API to provide intuitive responses to user queries
- Contributed significantly in migrating over 30 integration tests from *rspec-rails* to *Cypress* framework to improve testability, maintainability, and code readability

**Senior Analyst - Capgemini Technology Services India Limited - India**

**June 2015 – June 2017**

- Reduced the lead time by 80% (as reported) for the customer via generating and distributing over 125 reports by developing an automation web application using .NET framework
  - Enhanced the user experience by migrating legacy front-end code to newer technologies such as jQuery and Bootstrap
  - Independently analyzed and validated program specifications as well as developed reliable and reusable C# code
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## Education

**Master of Science, Computer Science**

Southern Methodist University, Dallas, Texas

**May 2019**

**GPA: 3.53/4.0**

**Bachelor of Engineering, Information Technology**

University of Mumbai, Mumbai, Maharashtra, India

**June 2015**

**GPA: 70.13% (Final Year)**

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## Additional Experience

**Graduate Teaching Assistant**

**January 2019 – April 2019**

Department of Computer Science and Engineering, Southern Methodist University - Dallas, Texas

- Course: Principles of Computer Science
  - Instructed undergraduate students on hands-on programming sessions in *Java* conducted for a span of 8 weeks
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## Projects

**Game for Intelligent Simulated Military Opponents (Academic)**

**August 2018 – December 2018**

Simulated a battlefield via neuro-evolution in which two rival forces compete to win using “firing tanks” without any human aid. *JavaScript, TensorFlow.js, p5.js*

**Playing Snake using Deep Reinforcement Learning (Academic)**

**June 2018 – August 2018**

Achieved game score of 7 on a 10x10 board using a Deep Q-learning Neural Network. *Python, TensorFlow, Keras*