

Sahil Johari

Pittsburgh PA 15232 | 214-458-7161 | sahiljohari12@gmail.com | [LinkedIn](#) | [GitHub](#) | [Website](#)

Summary of Qualifications

Offering **2 years of experience** in the full software development lifecycle. Driven to learn new technologies and share knowledge via teaching. Highly interested in working with modern web development frameworks.

– Key Competencies –

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

Technical Skills

- HTML/CSS, JavaScript, Bootstrap, React, Python, C#, Oracle PL-SQL, MySQL
 - Git, Postman, RESTful API consumption, JSON, VS Code, Adobe Photoshop
-

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)

Professional Experience

Senior Analyst - Capgemini Technology Services India Limited - India

June 2015 – June 2017

- Served an Australian airlines with a team of 8 developers to minimize their lead time by developing a .NET web application that automated the generation of their business-related reports
 - **Reduced the lead time by 80%** (as reported) for the customer by **generating over 125 reports** and sending them directly to the airline's management via the application in its preliminary version
 - **Front-end:** Developed responsive front-end modules such as login screen and homepage screen, and modernized the UI of 3 existing .NET web applications using jQuery and Bootstrap
 - **Back-end:** Constructed a wrapper class library for sending documents as attachments via e-mail using the SMTP Client library in C#
 - **Database:** Implemented over 18 PL-SQL stored procedures using dynamic SQL technique in collaboration with senior developers to perform database operations for the report automation tool
-

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 in hands-on programming sessions conducted for a span of 8 weeks
-

Projects

Document Organizer (Independent)

July 2019 – Present

Develop a simple dashboard web application to assist the user in maintaining valid status of their important documents and notify them for timely renewals. *React.js, Node.js, Express.js, MongoDB*

Movie Hub (Independent)

June 2019 – July 2019

Built a user interface using *The Movie DB* API to create an online movies library. *React.js, React Hooks*

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*

Certifications

- Learning React.js (2018), LinkedIn, 2019
- Building RESTful Web APIs with Node.js and Express, LinkedIn, 2019
- JavaScript Essential Training, LinkedIn, 2019