Sahil Johari

+1 (214) 458-7161 • sahiljohari12@gmail.com • linkedin.com/in/sahiljohari12 • Pittsburgh, PA

EDUCATION

Master of Science, Computer Science
Southern Methodist University
Dallas, Texas | 2017 - 2019
GPA: 3.53/4.0

Bachelor of Engineering, Information Technology
University of Mumbai
Maharashtra, India | 2011 - 2015
Graduated with DISTINCTION

TECHNICAL SKILLS

Web Standards
HTML, CSS/SASS, JavaScript (ES6+), TypeScript

Libraries/Frameworks
ReactJS, Redux, NodeJS/ExpressJS, .NET, Angular 9, ThreeJS, ROSlibJS

Back-end
REST API, Python, C#, Java, Oracle PL-SQL, MySQL

Misc.
Jest, Enzyme, Cypress, Rspec, Docker, Git

PROJECTS

- Sorting Algorithms Visualizer
- Messenger App
- Game for Intelligent Simulated Military Opponents (GISMO)
- Playing Snake using Deep Reinforcement Learning
- Partitioning Random Geometric Graphs into Bipartite Subgraphs

PORTFOLIO

- sahiljohari.com
- github.com/sahiljohari

OBJECTIVE

Results-driven and customer centric software engineer with **3.5+ years of experience** in engineering and delivering highly available, scalable, and real time web applications. Seeking a senior software engineer position to deliver high quality software by leveraging my knowledge and experience.

PROFESSIONAL EXPERIENCE

Software Engineer   **August 2019 – Present**
Rivers Agile - Pittsburgh, PA

- Develop and deliver high performance, secure, and scalable software products/solutions for customers from several industries in a fast-paced agile environment
- Reduced excessive memory consumption by 50% of a real-time flight director web user interface to guide and display autonomous flight maneuvers performed by drone helicopters
- Significantly improved the crowdfunding user experience for a white label product by redesigning the web UI to support accessibility, cross-browser compatibility, and mobile responsiveness in a span of 4 weeks
- Enhanced the ability to extract actionable insights from data and integrate them into customers' application in 10% less time via IBM Watson™ Discovery by developing a natural language query interface in Discovery Tooling
- Achieved an overall optimization of 70% in the application build time and 95% reduction in lines of code per feature test by developing a wrapper API around Cypress framework to simplify writing integration and end-to-end tests for IBM Discovery Tooling

Senior Analyst   **June 2015 – June 2017**
Capgemini Technology Services India Ltd. - Bengaluru, India

- Developed and deployed 4 large scale web application products and tools over a span of 21 months for an Australia-based airline to support and enhance their flight operations and aircraft maintenance processes
- Reduced the aircraft inspection and maintenance time by 80% by automating generation and distribution of over 125 analysis reports via a web application tool built using .NET framework
- Shortened the application testing duration by 10% by developing a defect tracking application for the software testing team
- Won the **Best performer of the Quarter** award for developing a centralized web application for easier tracking of the progress of over 20 projects in a business unit