Rakib Ayon

Austin, TX

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Personal Profile

Passionate software developer experienced in full stack applications and managing end to end tests. Have developed multiple applications with modern frameworks and architectures to build scalable applications.

Education

New Jersey Institute of Technology   *Newark, NJ*
MSc in Computer Engineering   *Sept 2017 - Mar 2019*

Bangladesh University of Engineering and Technology   *Dhaka, Bangladesh*
BSC in Electrical and Electronic Engineering   *May 2012 - Feb 2017*

Work Experience

Thales Inc.   *Austin, TX*
Software Validation Engineer   *June 2020 - Current*

- Wrote Javascript scripts with cucumber and Selenium to perform end to end automation and unit testing.
- Wrote React Native scripts for iOS and android apps.
- Implemented interactive applications with Angular.

Bright Horizons   *Austin, TX*
Information Security Systems Analyst   *June 2020 - June 2022*

- Implement full stack application with Python for authenticating users with Single Sign On.
- Designed front end applications in HTML, CSS, Javascript, jQuery, JSON and REST API.
- Modified UI with React Bootstrap and implemented file management system in AWS S3 with Flask.

Cargill inc.   *Austin, TX*
Cyber Security Engineer   *Dec 2018 - June 2020*

- Wrote custom script to generate workflows which aggregates attributes from identities and remove inactive ones.
- Architected, designed, and implemented JDBC and Sybase application using Java and React.

Singularity Interactive   *Dhaka, Bangladesh*
Full stack developer, Internship   *April 2017 - Oct 2017*

- Implemented responsive web applications with BootStrap, jQuery, AJAX, REST API.
- Developed real time data visualization from database with JSON and REST API without disrupting client UX.

Projects

- **Social Games:** Implemented full stack tic tac toe and 29 and allowed users to interact between friends and host and play matches. Implemented with MERN stack.
- **User Registration Portal:** Implemented full stack User registration portal with Flask and Python. Users can register and log in to the portal and can interact with friends to play social games. Users with admin roles had admin privileges while users did not-it was maintained by code reusability for common features.
- **Data Structure and Algorithm:** Implemented Linked List, Binary Search, Binary Search Tree, Stack, Heap, HashMap, Merge Sort, Greedy Algorithm in Python.
- **Sports Management:** Implemented iOS and andoird app with React Native with navigations for polling.
- **Restaurant App:** Implemented restaurant app with React Native and filtered restaurants according to price.

Certifications

- **AWS Certified Cloud Practitioner:** November 24, 2020
- **CyberArk Certified Trustee:** June 10, 2020
- **SailPoint Certified IdentityIQ Engineer:** May 28, 2020