Sumanth Polisetty

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Linkedin Profile

EXPERIENCE

McAfee, Bengaluru, India —*Software Development Engineer 2*

April 2020 - PRESENT

Designed and Developed Single Sign on (OAuth 2.0) Project to support various Consumer Products and OEMs.

Unified Identity Platform which offers both UI and REST API services based on OAuth2.0 standard.

Reduced rigorous maintenance and support of Individual Authenticate and Authorization platforms owned by Product teams.

Designed and developed AWS Lambda based serverless functions with Nodejs, Typescript.

McAfee, Bengaluru, India — *Software Development Engineer*

August 2018 - March 2020

Developed Compliance Platform(Microservice and Windows Service solutions) to support CCPA, GDPR w.r.t User's Data.

Worked on REST API services for Account and Subscription Management.

Optimized Performance of Rest APIs by 25% and reduced 50% calls to Platform from Windows Products.

Integrated Registration Flows in Windows Antivirus Products.

Worked on Platform Integration for various Consumer Products.

McAfee, Bengaluru, India — *Technical Intern*

January 2018 - July 2018

Developed windows Tool, Developer Tool Manager to manage version controlled code.

EDUCATION

BMS College of Engineering, Bengaluru, India —9.24/10.

August 2014 - May 2018

Bachelor Of Engineering - Information Science and Engineering

St. Joseph's P.U. College, Bengaluru, India —91.56%

June 2013 - April 2014

Pre University College (12th) - PCME

SKILLS

Programming: C#, .Net Core 3.1, C++, ASP.Net Core, SQL server, Razor Pages, Data structures, Algorithms, Nodejs, Javascript, Typescript.

IDE/Tools: Jmeter, Postman, Visual Studio, VS code, GIT.

AWS: Lambda, Cloudwatch, EC2, S3, DynamoDB, Beanstalk, API Gateway.

Azure:Compute, Functions, Cosmos, Storage, Appservice.

ML:Tensorflow, Keras, Scikit-learn, Python.

AWARDS

McAfee Innovation Summit
Top 5 in Hack The Flag contest.

Best Consumer Team-2019
Nominated for Best Consumer Team in McAfee -2019.

Consumer Excellence
Nominated for Consumer Excellence in McAfee-2019.

McAfee Geekathon - 2019
Winner of McAfee Geekathon Contest. Developed ML based Ad blocker extension to secure user's privacy.

Employee of the Quarter
Nominated for Employee of the Quarter in Consumer Division for Q4 - 2018, Q2 - 2019 and Q4-2020.

PROJECTS

Single Sign On— *UnifiedAuthentication System*

Tech Stack - .Net Core 3.1, AWS, SQL server, Razor Pages, JQuery, Bootstrap, Jmeter.

Designed and Developed Single Sign on (OAuth 2.0 Std) Project to support various Consumer Products and OEM channels.

UI Application based on ASP.Net Core MVC using Razor.

Back-End REST API micro service solution based on .Net Core.

Integrated AppMetrics to log business related metrics on aws cloudwatch.

Integrated Unit Test framework with MSTest.

Worked on Performance/Load -Testing using Jmeter to find bottlenecks in the System.

Optimised REST APIs for Response time within 1 sec.

Compliance Platform—WebService/WinService

Tech Stack -.Net Core 3.1, .Net, SQL Server

Developed REST APIs to support CCPA,GDPR Regulations.

Developed Windows Service Solution to retrieve User's Data from multiple Systems and aggregation.

Implemented Asynchronous Processing, Batching, Retry policies, Custom Timeout configuration to make the system reliable and Robust to failures with the Endpoint Systems.

Privacy Protection— *Ad Blocker*

Tech Stack - jquery, Bootstrap, HTML, R

Developed Machine Learning based Ads/trackers blocker chrome extension.

Machine Learning Solution (supervised problem) is based on Structural Hole Theory.

Avoids constant update of Ad trackers domains list.

Predicting Top Experts on StackOverflow— *Research Publication*

Tech Stack - Python, graphviz, SNAP, Matplotlib

Research publication on Predicting Top Experts on Trending Domains.

Python based solution using social network analysis.

Network based on questions and answers metadata.

PageRank and Hits Algorithms utilised to predict the Top Experts to improve search.