Rohit Sud

Please contact me using LinkedIn

SUMMARY

- Backend Software Engineer with over 15 years of industry experience.
- Experienced in shipping features for products operating at large scale like Azure, OneDrive and Qualtrics.
- Adept and creative at evaluating technologies for use in the product or for debugging issues.
- Ability to learn new technologies and development practices with ease while ensuring timely delivery of features with high quality.

PROGRAMMING LANGUAGES

NodeJS, JavaScript, AngularJS, C, C++, Java, C#, SQL

WORK EXPERIENCE

Microsoft Corporation, Redmond, WA

Software Engineer (Azure) September 2022 – Present

- Working on DNSSEC implementation in the Azure DNS Serving Plane team.

Qualtrics, Seattle, WA

Backend Engineer (Statwing) April 2021– September 2022

- Wrote backend infrastructure code for running untrusted R code for statistical analysis.

Full Stack Developer (Tickets/Vocalize) January 2017– March 2021

- Wrote REST APIs for the Tickets app using Restify and NodeJS.
- Implemented 2-way email functionality for Tickets; a major ask by a nationwide TV provider. About 300 support representatives work full-time using this feature.
- Led the team in increasing API test coverage from zero to coverage for all endpoints.
- Designed and implemented Authorization support for Tickets.

Microsoft Corporation, Redmond, WA

Software Development Engineer (Windows Azure) September 2012 – January 2017

- Wrote scalable REST APIs for IaaSVMs in the Azure Runtime team.
- Worked in Content Distribution Network team (Azure FrontDoor) on porting code to run on VMs and making performance (CPU) and throughput (Network) measurements when running on VMs.
- Worked in Azure CloudDNS on the VNext of the Azure Traffic Manager. Implemented the rules engine that used static and live metrics to direct traffic to the optimal IP address using DNS.

Software Development Engineer (Windows Live Mesh/SkyDrive) July 2009 – August 2012

- Implemented the API interface allowing the SkyDrive client to talk to the SkyDrive cloud.
- Responsible for the Peer-to-Peer file transfer protocol in Windows Live Mesh.

Intel, Hillsboro, OR

Graduate Research Intern (Media Architecture and Driver Group) September 2008 – December 2008

- Worked on implementing motion estimation algorithm on NVidia CUDA.
- Made comparative studies regarding factors like performance and usability.

Manhattan Associates, Atlanta, GA

Graduate Intern May 2008 – August 2008

- Worked on developing a monitoring framework using Java Management Extensions using Websphere and J2EE.

Microsoft India Development Centre, Hyderabad, India

Software Design Engineer (Education Products Group) July 2006 - July 2007

- Worked using **.**NET 3.0 and Windows Presentation Foundation with C# as primary language.
- Worked towards designing User Interface elements in software for its basic functioning using XAML and C#.
- Involved in the development of the first version of a yet to be released education product, Microsoft Grava.
- Worked on MultiPoint SDK, which allows the use of multiple input devices on a single PC.

Trilogy E-Business Solutions, Bangalore, India

Intern - Junior Trilogy University (JTU) program June 2005 - August 2005

- Primarily used C++ and bit of Java. Used lex and yacc as tools to build a compiler for business rules language called Configuration Modelling Language (CML).

EDUCATION

- **Masters** in **Computer Science** from **Georgia Institute of Technology**, Atlanta, GA, (2007-9), GPA **4.00** Concentrated on Computer Architecture, Computer Graphics, Software Engineering and Network Security.

- **Bachelor of Engineering** (Computer Engineering) from the **Netaji Subhas Institute of Technology, University of Delhi**, New Delhi (2002-6), Secured 86.29%.

AWARDS/ACHIEVEMENTS

- **University topper** for the year 2006 and consistent department topper and recipient of the President's Gold Medal (**University of Delhi**) and Institute Merit Scholarship in all sessions. Also received the Institute Silver Medal for being the topper of the Computer Engineering department.

- Recipient of the L Jogeshwar Nath Gold Medal (for being the **Best Candidate in Technical Education**), **University of Delhi** (2007).

- Successfully cleared till the semi-final stage of **Code4Bill** competition (one of top 50 candidates) organised by **Microsoft India**. (2006).