

Gopal Rander

San Diego, CA - Email me on Indeed: [indeed.com/r/Gopal-Rander/5c0b0c3a957f60ac](https://www.indeed.com/r/Gopal-Rander/5c0b0c3a957f60ac)

Willing to relocate: Anywhere

Sponsorship required to work in the US

WORK EXPERIENCE

SOFTWARE ENGINEER

MICROSOFT CORPORATION - Hyderabad, Andhra Pradesh - July 2013 to August 2016

CUSTOMER ACCOUNT LIFE CYCLE/JARVIS INTEGRATION - Moonshot project to centralize every customer's information

- Designed and implemented complex workflows as part of cloud API for migrating 10 million+ managed accounts, collaborating with Microsoft Redmond teams. Published the work as reusable NuGet package plugin.
- Implemented telemetry and logging using Blob Storage, SQL Azure, and Azure Stream Analytics to handle a high volume of concurrent requests and generate analytical data for past 30 days for real time diagnostic.

CHRONOS / WORLDWIDE TIMEKEEPING - Compliance Platform for Microsoft Professional Services, handling 1.25 million+ requests daily

- Implemented Service APIs, Email Notifications and logging using Azure cloud services, websites, web jobs, and AppInsights.
- Designed a self-help diagnostics portal for 11 partner systems onboard, using MVC pattern and Entity framework. Extended this portal for system health monitoring, usage patterns, and business reports.
- Developed machine learning models in AzureML Studio during 'oneweek' hackathon for fraud detection in compliance and resource utilization using PCA and random forest with 85% accuracy.

BUILD THE SHIELD / CAPTURE THE FLAG '15 - Microsoft's global security and hacking event, Hyderabad and Redmond

- Researched and designed security threats and hacks (basic and advanced). Worked in pair programming model to validate problems and solutions. Hosted the event for 150+ college students and 800+ Microsoft employees on Azure Virtual Network.

SOFTWARE ENGINEERING INTERN

QUALCOMM - Bangalore, Karnataka - May 2012 to June 2012

Revamped the test bench of IP Multimedia Subsystems team for 4G LTE chip testing by improving the test cases' performance.

Also, increased code coverage to >80% by coming up with new test scenarios.

PROJECTS

TRANSFER LEARNING, NEURAL NETWORKS FOR PATTERN RECOGNITION FEB '17

- Evaluated application of Transfer learning using pre-trained VGG-16 ConvNet, trained on ImageNet, to classify Caltech-256 and UrbanTribe dataset with 66% and 45% accuracy respectively, using Python Keras library.

EDUCATION

M.S. in COMPUTER SCIENCE

UNIVERSITY OF CALIFORNIA SAN DIEGO - San Diego, CA
September 2016

B.TECH. in COMPUTER SCIENCE

NATIONAL INSTITUTE OF TECHNOLOGY
July 2009 to May 2013

SKILLS

SQL (3 years), .NET (3 years), C# (3 years), C++ (2 years), CSS (Less than 1 year), Git (Less than 1 year),
HTML (Less than 1 year)

LINKS

<http://gopalrander.github.io>

<http://linkedin.com/in/gopalrander>

ADDITIONAL INFORMATION

SKILLS

- PROGRAMMING C++, C#, C, SQL, Python (Beginner), HTML, CSS, JavaScript
- TOOLS/TECHNOLOGIES Azure, Visual Studio, TFS, SQL Server, AzureML Studio, Git, Linux