Neal Parikh

528 W. Oakdale Ave. Apt #433 Chicago, IL 60657 | Mobile: (516) 817-2721
E-mail: nealrparikh@gmail.com | Website: nealrp.github.io

EXPERIENCE

Morningstar, Software Engineer within Data Technology   March 2017 – Present
- Lead developer on the Morningstar as a Service (MaaS) initiative to create a global AWS API Gateway. This system is intended to replace Apigee as our current, on-premises, API Gateway. Throughout this period, Neal has worked with the various stakeholders to design, architect, and construct an API aggregate authentication and entitlement system, which we intend to eventually put in front of all Morningstar APIs. Neal has taken this product from a POC in March to production-ready.
- Technologies Used: Various AWS services such as API Gateway, Lambda, Cognito, and DynamoDB. Most of the codebase was written using Terraform scripts and Node.js

Morningstar, Software Engineer within Enterprise Components   July 2016 - March 2017
- Worked as part of a global team to build the Morningstar Developer Site (developer.morningstar.com), which showcases the various components and APIs available to our institutional clients
- During this period, the team successfully took the site from a rough alpha version to a well-designed beta version which was ready to gather initial market feedback
- Because the team was divided between Chicago and Shenzen, we overcame time and language barriers to find innovative ways of maintaining consistent communication
- From January 2017 onwards, Neal took on additional responsibilities as Chicago Technical Lead, working with our team in Chicago and Shenzhen to make architecture decisions as well as establishing codebase standards
- Technologies Used: Drupal CMS, PHP, Apache Solr, JavaScript, and SCSS

University of Michigan, Student iOS Developer within CAEN   May 2015 – May 2016
- Worked part-time with CAEN's Instructional Technology division to create an iOS application written in Swift to control classroom A/V technology used in all of the engineering buildings. During this period, I also contributed to upgrading an existing application which allows users to reserve group study areas
- Technologies Used: Swift, Objective-C, and Github for version control

SKILLS

Platforms – Mac OS, Linux, Windows

Technology – C, C++, Java, Python, JavaScript, AWS Services, Serverless Computing

Languages – Fluent in Hindi and Gujarati; Limited working proficiency in Spanish

EDUCATION

University of Michigan, College of Engineering   Sept 2013 - May 2016
- B.S.E. in Computer Science, Cum Laude. Completed in three years.
- President of the Engineering Student Government and Student Body (2015-2016)
- Member of the Epeians Engineering Leadership Honor Society
- Recipient of the 2016 Engineering Distinguished Leadership Award
- Recipient of the Engineering Scholarship of Honor
- Other Activities and Societies: Member of Kappa Theta Pi - Professional Technology Fraternity, Student iOS Developer at UM CAEN, Engineering Representative of Central Student Government, Senate Representative of University of Michigan Engineering Council, Member of Delta Tau Delta, Member of Michigan Raas Team

Shanghai Jiao Tong University, Study Abroad Exchange Program   May 2014 - Aug 2014