

Neal Parikh

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EXPERIENCE

Morningstar, Software Engineer within Data Technology March 2017 – Present

- Promoted to work on the Morningstar as a Service (MaaS) initiative due to prior experience with Morningstar APIs. The initial, ongoing, project is to design, architect, and construct the API aggregate authentication and entitlement system we intend to put in front of all Morningstar APIs
- Due to budgetary and performance benefits, Morningstar intends to migrate from Apigee to Amazon Gateway as our API proxy which adds additional complexity of accounting for both new and legacy API systems
- Technologies Used: Terraform with AWS services such as API Gateway, Lambda (written in Python and Node.JS), Cognito, DynamoDB and Elasticache

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 Shenzhen, we overcame time and language barriers to find innovative ways of maintaining consistent communication
- From January 2017 onwards, I took on additional duties as Chicago Technical Lead which included software architecture decisions as well as codebase management
- 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