

Pranay Pareek

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EDUCATION

New York University (Courant Institute) New York City, New York
Master of Science in Computer Science, GPA 3.37/4.0

May 2018

Manipal Institute of Technology Manipal, India
Bachelor of Engineering in Computer Science, GPA 7.89/10.0

July 2014

EXPERIENCE

VMware Intern, App Volumes | Palo Alto, CA

May 2017 - August 2017

- Conceptualized, designed and developed an on-premise functions-as-a-service framework (serverless)
- Designed & developed a proof-of-concept API Gateway architecture using AWS Lambda which helped refactor an internal API gateway into smaller components

Shippable Software Engineer | Bangalore, India

September 2014 - July 2016

- Led a team of 3 engineers to architect & build the notifications system for the platform
- Contributed to transition the architecture from a monolith to microservices, increasing systems efficiency and overall development productivity
- Full-stack role (Backend, Frontend, Operations, Infrastructure, Customer Support) with significant code contributions (4th employee in the India Team)
- Helped build a highly scalable system with more than 100,000 Docker containers spun up everyday
- Recruited & mentored new engineers and helped grow the team from 4 to 25 engineers

VMware Member of Technical Staff - Intern | Bangalore, India

January 2014 - July 2014

- Designed & developed a test automation framework (programmed in Java; used JSON file configurations and REST APIs, used Jenkins for CI) to automate the test workflow for internal Quality Engineering teams

TECHNICAL SKILLS

Languages • JavaScript • Go • Java • Python • C++

Cloud • Docker • Kubernetes • AWS • Google Cloud

Databases • MongoDB • PostgreSQL

Web Dev • React • MEAN Stack (MongoDB, ExpressJS, AngularJS, NodeJS) • HTML • CSS • Bootstrap

Tools • RabbitMQ • Linux • Git • TravisCI

ACTIVITIES

Courant Institute of Mathematical Sciences | NYU

2017-Current

Course Assistant (TA) | Applied Internet Technologies

- Help design homework assignments and projects, grade exams, and teach JavaScript and Web Development topics in class

Grader & Tutor | Intro to Computer Programming

- Grade Python homework assignments, office hours every week, tutoring & mentoring under-grads, helping with Computer Science fundamentals