Meet Shah

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Education

Carnegie Mellon University, Master of Information Systems Management — Pittsburgh, PA — *Aug 2021 - Dec 2022 (expected)*
• Cloud Computing - 15619 • Data Structures for Application Programmers • Distributed Systems

University of Mumbai, Bachelor of Computer Engineering — Mumbai, India — *Jul 2014 - May 2018*
• Software Development • DBMS • Big Data • Web Development • Computer Networks • OO Design

Work Experience (3+ Years)

InVideo, Software Engineer — Mumbai, India — *Sept 2018 - Jul 2021*
- Built the subscription system (Frontend in Angular & Backend in Golang) with multiple payment platforms (Stripe, Recurly, Paddle, Razorpay) featuring several payment plans for a user base of over 2 Million.
- Developed a Twitter Bot (Python) to convert Twitter threads into videos using Twitter API and core InVideo product. The project generated ~1 Million daily impressions on Twitter during its peak.
- Implemented Affiliate Marketing tracking & analytics (using tools like Tapfiliate, Techfiliate, and Impact) to enable tracking of users driven by affiliate traffic.

Stellar Cyber, Software Engineering Intern — Santa Clara, California — *May 2022 - August 2022*
- Refactored & Modularised Java codebase responsible for stream-processing framework using Kafka & Spark
- Achieved a test coverage of 75% from 0 & Improved the pipeline of data processing by implementing in-memory caching using Redis to deliver high-quality data to security detection applications

Carnegie Mellon University, Graduate Research Assistant — Pittsburgh, PA — *Dec 2021 - Present*
- Designed a module for learning web scraping from scratch in python and built three levels of scraping exercises along with automated graders (Java) to check the correctness of students taking the module.
- Explored various services provided by Azure & GCP for building course on Cloud Admin & Devops.

Projects

Twitter Analytics on AWS for 100MN Tweets (~1 TB data): Performed ETL using Databricks and loaded data into MySQL AWS RDS, Deployed a microservice written in Jooby framework of Java using AWS EKS Cluster, Achieved an RPS of 15K with MySQL database queries with a strict budget of $1.28/hr

Youtube Partner API with Monetization: Automated youtube uploads with Monetization for Mass publishing Media houses using Youtube Partner API. Added Monetization scripts to ensure targeted advertisements specific to videos.

ArrayOfCode (arrayofcode.com): Started a technical blog with like-minded individuals. Published an article on how to leverage A/B testing using Google Optimize and take advantage of the immense features Google Optimize provides

Skills

- **Programming Languages:** Java, Python, Go, Javascript, R
- **Web Technologies:** Angular, Node.js, Vue, WordPress, PHP, JQuery, HTML, CSS, SCSS, Bootstrap
- **Frameworks:** Spring, Vector, Jooby, Pyramid, Django, GORM
- **Databases:** MySQL, Oracle SQL, MongoDB, Redis In-Memory
- **Other Technologies:** Apache Spark, Kafka, AWS, Azure, GCP, Kubernetes, Docker, Terraform, Git

Leadership

InVideo, Project Lead — *Jun 2020 - Dec 2020*
Led the development and execution of several projects with one peer SWE and two interns as part of the Growth Engineering team. Was responsible for the payments system on the product.

Praxis, VESIT, Executive Head, Organising Committee — *Apr 2017 - Aug 2017*
Led a 25-member committee to oversee the execution of the technical fest, Praxis, having a footfall of 5000 people. Oversaw the end-to-end execution of several technical events of the tech-fest.