

Meet Shah

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EDUCATION

Carnegie Mellon University | Master of Information Systems Management, Pittsburgh, PA, USA

Dec 2022

• Cloud Computing - 15619 • Data Structures for Application Programmers • Distributed Systems

University of Mumbai | Bachelor of Engineering, Computer Science, Mumbai, India

May 2018

• Software Development • DBMS • Big Data • Web Development • Computer Networks • OO Design

WORK EXPERIENCE

TEEL, Carnegie Mellon University | Research Assistant

Dec 2021 - Present

• Responsible for developing infrastructure for courses on Intro to Python and Intro to Computing for multiple operating systems

Full Stack App Development, Carnegie Mellon University | Teaching Assistant

Aug 2021 - Dec 2021

• Javascript • Node.js (Express) • MongoDB • Conducted recitations for class on the topics covered in the course

InVideo, Mumbai, India | Software Engineer

Sept 2018 – Jul 2021

- Lead Engineer in building and managing the subscription system (Frontend in Angular + Backend in Golang) with multiple payment platforms (Stripe, Recurly, Paddle, Razorpay) and several plans supporting ~\$350K monthly recurring revenue.
- Developed a Twitter Bot to convert Twitter threads into videos using Twitter API and core InVideo product. The project garnered ~1 Million daily impressions on Twitter during its peak. ([Sample Video](#))
- Implemented Affiliate Marketing tracking + analytics (using tools like - Tapiliate, Techfiliate, Impact) to enable tracking users and commissions driven from affiliate traffic.
- Optimized the load time of SEO landing pages to reach a desktop score of 100 and mobile score of 82 on Lighthouse. Also, templated the home page and landing pages of the company website to publish it in several languages to leverage SEO.
- Collaborated with clients like CNBC, IIFL, Marketsmojo to integrate their stock market APIs and user data to create dynamic videos on the fly. Embedded animated graphs and generated charts in these videos using highcharts.

Holy Cow Studio, Mumbai, India | Software Developer Intern

Mar 2018 - Jul 2018

- Built a python based software to calculate precise image size in pixels based on the requirement of graphics, reducing the human effort of designers from a couple of hours to a few seconds.
- Implemented InApp Purchase Validation system using google oauth2 verification protocols on the server for Android.

Tata Consultancy Services, Mumbai, India | Intern

Jun 2017 – Aug 2017

- Researched collecting and visualizing network data to detect threats on a project called Threat Intelligence Processing.
- Gained fundamental knowledge of Hadoop, Data Lakes, and frameworks like Kafka, kibana used in this project.

PROJECTS

ArrayOfCode

Oct 2020 – Present

- Started a Blog with like-minded individuals to publish unique mini-projects
- Published another article on how to leverage A/B testing using Google Optimize and take advantage of the immense features Google Optimize provides. [Article](#)

Gulmarg Adventures

April 2021 – May 2021

- Designed and deployed a website to showcase programs and activities conducted by a Ski Professional in Gulmarg, India.
- Got the website ranked in the top 5 for several keywords like 'Adventures Gulmarg', 'ski programs Gulmarg'.

Youtube Partner API with Monetization

Jun 2020 – Jul 2020

- Researched and executed a project on how to automate youtube uploads for Mass publishing Media houses using Youtube API.
- Added Monetization scripts to ensure targeted advertisements specific to videos were attached on publishing videos.
- Wrote an article demonstrating step wise implementation of the API integration procedure. [Article](#)

TECHNICAL SKILLS

- **Programming languages:** Python, Go, Java, Node.js, R
- **Web Technologies:** JavaScript, TypeScript, PHP, JQuery, HTML, CSS, SCSS, Bootstrap
- **Frameworks:** Pyramid, Django, Spring, Express.js, GORM, Angular, Vue, WordPress, Highcharts JS, D3.js
- **Test-Driven Development:** JUnit, Jest, unittest, testing (Go)
- **Databases:** MySQL, Oracle SQL, MongoDB
- **Other:** Git, Jenkins, AWS, Heroku, GCP, Figma

PUBLICATIONS

IoT BASED CAR PARKING AUTOMATION

[ISBN:[978-1-5386-1185-2](#)]

2018 International Conference on Smart City and Emerging Technology (IEEE ICSCET 2018)

Nov 2018

LEADERSHIP

Praxis, VESIT | Executive Head, Organising Committee

Apr - Aug 2016, 2017

- Led a 25 member committee to oversee the execution of the entire fest having a footfall of 5000 people. Was solely responsible for overseeing end-to-end execution of several technical events of the tech-fest.

Social Service League, St. Xaviers College | Operations

Aug 2012 – Mar 2014

- Organized several projects as a part of the SSL like blood donation campaigns, education awareness programs
- Volunteered in skill-building workshops conducted for underprivileged children.