

Former team leader and technical consultant with a master's in computer science and seven years of experience in software development. Experienced with building quick POC in different languages and developing RESTful web services and web applications in Java.

Work Experience

Accenture Services Pvt. Ltd. - Team Leader, Technical Consultant; (October '11 - January '19) 7 years of exp.

- Team leader at Accenture's Utilities Innovation Lab: Incharge of researching new technologies and developing scalable prototypes and maintaining all projects on the cloud. Worked closely with higher management and stakeholders as a technical consultant. Supervised and mentored the technical team.
- Helped with sales pitches: Presented the technical side of projects to prospective client CEOs.
- CV Project: Used transfer learning on a Mask RCNN network to classify construction sites in remote areas of India with satellite images. This helped one of India's leading cement manufacturers with sale of cement in these areas.
- NLP - IOT Project: Developed virtual agents for Duke energy using Azure cloud and a DialogFlow agent to solve personal user queries by integrating it with webhooks and a database.
- IOT Project: Worked on a co-venture between various electric utility companies to automate voltage fluctuation stabilization in the grid using RaspberryPi and MQTT broadcasting protocol and later moved to websocket. Presented at [DistributeCH Conference](#) 2014.
- Software Development: Catered to North American and European clients to build web applications. Tasks included developing RESTful web services, consuming SOAP services, analysing requirements and creating technical documents, writing test cases and developing front end and back end code. Projects were mainly ground-up or modernization of legacy systems and built using Java.

Education

- Master's in Computer Science: **University of Texas at Arlington** (Graduating Dec 2020)
- Bachelor of Engineering in Computer Science: **Mumbai University** (2011)

Research & Open Source Projects:

VLM Lab @ UTA under Dr. Vassilis Athitsos (Aug 2019 - present)

- Working on my master's thesis which involves efficiently annotating hand-poses using a semi-automated approach. [Thesis link](#)

Komodo API for Java under Dr. Sajib Datta (May '19 - Sep '19)

- API for easy Komodo integration. Project link [here](#), which is published on their [website](#).

Skills

- Areas of Expertise: Algorithms, Data structures, OOP, Neural networks, Computer Vision, Machine Learning, Data Analysis and Web Services
- Novice/Interests: Big Data, Cloud Computing and Generative Adversarial Networks.
- Soft skills: Team management, mentoring, technical presentations and communication skills
- Technical: Python, Java, TensorFlow, Numpy, SciPy, matplotlib, Keras, Maven, RESTful web services, HTML5, JavaScript, CSS3, SQL

Certifications & Awards

- Coursera: [Deep Learning.ai](#)
- Awarded scholarship by [KomodoPlatform](#)
- "Accenture Celebrates Excellence" awarded for - exemplary performance, innovation and teamwork.