

EDUCATION

University of Stuttgart	10/2019 - Present
Master of Science (M.Sc.) Computer Science	
B. M. S. College of Engineering	08/2012 - 05/2016
Bachelor of Engineering (B.E.) Computer Science	

EXPERIENCE

Snaptrude	03/2018 - 04/2019
<i>Software Engineer (Vision and Graphics)</i> · Bengaluru, India	
<ul style="list-style-type: none">Snaptrude, a startup backed by Accel Partners, is making a web-based design tool that would expedite the traditional process of converting the hand sketches to 3d models in the architecture domain.Implemented many of the core product features with the help of WebGL and JavaScript.Worked on solving and approximating many open-ended problems in the computational geometry domain.Worked on extending and improving the floorplan recognition module in OpenCV.	
JPMorgan Chase & Co	07/2016 - 02/2018
<i>Software Engineer (TAP)</i> · Bengaluru, India	
<ul style="list-style-type: none">Honored as one of the top three overall performers out of 180 Analysts from India which further allowed me to work on three different projects.Worked on developing a portal to automate risk calculation as well as report generation using Django and AngularJS.Worked on developing a framework to do the migration of ETL jobs into the Hadoop ecosystem using Java, Spring-batch, Spark(Hadoop).Worked on extending and maintaining the functionality of the risk engine using core python.	

PROJECTS

Ticket Management System
<ul style="list-style-type: none">Developed a console application for booking and canceling tickets.Ticket prices are calculated based on source, destination, and any offers if available.
Skills: C++, Design patterns
Smart Mirror
<ul style="list-style-type: none">It uses annyang for voice interactivity, electron to make it platform-independent and runs on Raspberry Pi2. Gives personalized news and task update using facial recognition.Developed a hybrid cross-platform mobile application for sign up and profile management.
Skills: Python-sklearn, AngularJS, Ionic/PhoneGap, NodeJS

SKILLS

Languages: Python, C++, JavaScript
Web Development: React, Node.js, WebGL
Machine Learning: Pytorch, Tensorflow, scikit-learn, OpenCV

AWARDS

Valuable Contribution to Firm · JPMorgan	03/2017
Awarded for Top performance	
Global hackathon · JPMorgan	10/2016
Winning team (out of 26 teams)	
Code for Good Hackathon, Bangalore · JPMorgan	06/2015
Challenge Winner (out of 19 teams)	

ACTIVITIES

Open Source Contributor - BabylonJS, 3D WebGL engine supported by Microsoft
Worked on fixing bugs via Github issues. Implemented some of the new feature requests in GUI module for version 4.0

LANGUAGE SKILLS

English · Fluent, Professional working proficiency
Deutsch · Beginner, Elementary proficiency (A2)