

Kaustubh Kulkarni

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EDUCATION

Master of Science in Software Engineering

May 2021

San Jose State University

Bachelor of Engineering in Electronics and Communications

May 2016

Savitribai Phule Pune University

TECHNICAL SKILLS

Languages:	Python, C++, JavaScript, PHP, HTML5, CSS, jQuery
Frameworks:	Django, Bootstrap
Database Technologies:	MongoDB, SQL(MSSQL)
Tools:	Git, VMware workstation
Relevant Coursework:	Data Structures and Algorithms using C++, Database Systems, Enterprise Distributed Systems, Operating Systems

PROFESSIONAL EXPERIENCE

Infosys, India

August 2016 - July 2019

Appointed as Systems Engineer, resigned as Senior Systems Engineer

Project: Onboarding Portal

- Designed and devised a web application for onboarding process of new employees to an account using Django JavaScript, HTML, CSS, MS-SQL and MongoDB database.
- The portal was operated by several new employees joining client account to get trained on applications that are assigned to provide support.
- Above application saved human hours that were previously being wasted on knowledge transfer thus increasing productivity of team.

Project: Lab Test

- Created a web application for German based Medical Technology Company, used to keep track of drug tests carried out inside lab.
- Designed technology stack utilized in project was Python, Django framework for backend processing, Java Script for front end validations and bootstrap, HTML5 and CSS for UI development.

Award:

- After completing training at global education center Infosys, Mysore, I was awarded as high performer.

ACADEMIC PROJECTS

Rinnovation

October 2019 - Present

- Built an end-to-end application for corporate property managers and house owners to ensure renovation projects yield optimum results based on whether customers are focused on time, cost, or ROI using ML and DL model.
- The application helps users to predict cost and time of renovation and answers questions like which room to update and how much to invest, to save most possible amount.
- Project is created with ML library PyTorch, Containerization by Docker, MongoDB database and is deployed on cloud platform.

International Student Helper

October 2019 - Present

- Devised a solution to help international students to get a free ride from a trusted source on arrival for first time in United States.
- The application also helps students to find apartments, nearby university.
- Implemented an application using Spring Boot for backend, HTML, CSS for frontend and Java Script for form validations.
- MS-SQL database is used for project and the whole database is designed from scratch that includes conceptual design, physical database design and normalization.

Smart Car

August 2015 - May 2016

- Developed a working prototype for project named 'Smart Car', operating various things in car such as power windows, seat inclination, lights, wiper and music system on voice command.
- The prototype also instructed driver about the obstacles from all four directions and displayed distance to empty.
- The prototype was built with Arduino Uno microcontroller board based on microchip ATmega328P. an android mobile application, wireless Bluetooth module.