Kaustubh Kulkarni

San Jose, CA, 95112

https://www.linkedin.com/in/kaustubhkulkarni15/

kaustubhkulkarni150994@gmail.com

Cell: +1(669) 295-8981

EDUCATION

Master of Science in Software Engineering   **Expected 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**
Senior Systems Engineer

- 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.
- 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 by 100% that were previously being wasted on knowledge transfer thus increasing productivity of team.
- Created a web application for German based Medical Technology Company, used to keep track of drug tests carried out inside lab.
- 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.
- Implemented web pages, business workflows, customized functionalities according to client needs.
- Trained in open source technologies Unix, Linux, PHP and python at global education center Infosys, Mysore.
- Awarded as high performer after completing training at global education center Infosys, Mysore.

ACADEMIC PROJECTS

Rinnovation, SJSU   **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 with use of ML and DL model.
- Web 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, SJSU   **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.
- This application also helps students to find apartments, nearby university considering travel time, living expense.
- 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 whole database is designed from scratch that includes conceptual design, physical database design and normalization.

Smart Car, SPPU   **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.
- Prototype also instructed driver about obstacles from all four directions and displayed distance to empty.
- Project was built with Arduino Uno microcontroller board based on microchip ATmega328P. an android mobile application, wireless Bluetooth module.
- Main objective of project was to implement everything with maximum possible low budget so that feature can be included in low budget cars.