

Kaustubh Kulkarni

Software Engineer

PROFILE

Passionate Software Engineer with three years of industry experience developing efficient and scalable software's. I am loyal, trustworthy and good in crisis. A team player with excellent interpersonal skills. The idea of constant learning and exploring new ways excites me to bolster my skills and gain experience on latest trends in technologies. I am looking forward to finding solutions for real life problems which are challenging by building software applications.

TECHNICAL SKILLS

Programming Languages:

Python, C++, PHP

Frameworks:

Django, Bootstrap, React

Database Technologies:

MongoDB, SQL

Tools:

Git, VMware workstation

Relevant Coursework:

Data Structures and Algorithms using C++, Database Systems, Operating Systems, Enterprise Distributed Systems

Web Technologies:

HTML5, CSS, Java Script, jQuery

ADDITIONAL SKILLS

- Analytical Thinking
- Adaptive, self-motivated
- Problem Solving
- Keen eye for details
- Decision making ability

CONTACT



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EDUCATION

Master of Science in Software Engineering

May 2021

San Jose State University

Bachelor of Engineering in Electronics and Telecommunication

May 2016

Savitribai Phule Pune University

PROFESSIONAL EXPERIENCE

Infosys, India

August 2016 - July 2019

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.