Digant Garude

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EDUCATION

University at Buffalo, The State University of New York, Masters in Computer Science   Aug 2021 - Current
Courses: Large-Scale Distributed Systems, Algorithms, Information Retrieval, Blockchain Development
University Of Mumbai, Mumbai, India
Bachelor of Engineering in Computer Engineering, **CGPA: 8/10**   July 2015 - May 2019
Related Courses: Data Structures, Web technologies, Machine Learning, Object-Oriented Programming

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TECHNICAL SKILLS

Languages	**:** Python, Java, JavaScript, PHP, SQL, C++, Bash, Solidity
Server Side	**:** Node.js, Fast API, Django, Flask, Strapi
Databases	**:** SQL, MongoDB, Firebase, Apache Solr
Cloud	**:** AWS, Google Cloud SDK, Azure blob storage
Client Side	**:** ReactJS, jQuery, Ajax, HTML5, CSS, bootstrap
Other Technologies	**:** Docker, Android Studio, Git, Jenkins, Tensorflow

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WORK EXPERIENCE

Software Developer
Rejolut Technology Solutions Pvt Limited, Navi Mumbai, India   Sep 2020 - Mar 2021
- Developed an end-to-end blockchain-based system for connecting businesses and freelancers to earn crypto and ensuring the safety of escrowed amounts using smart contract logic.
- Technologies used: Node.js, Google Cloud Platform(GCP), MongoDB, Firebase Web Push, Docker, Nginx, Solidity.

Machine Learning Intern - Full Time
Concerto Software and Systems Pvt Limited, Mahape, India   Oct 2019 - Apr 2020
- Led a team to develop a Voice-based Payments app as part of a Hackathon organized by the National Payments Corporation Of India (NPCI) wherein our team ranked amongst the top 15 finalists all over India.
- Designed and built a framework for rendering charts for data visualization.
- Built an automatic trash detection system in ATMs based on computer vision using surveillance camera feeds.
- Technologies Used: Python, Keras, Sklearn, cv2, Matplotlib, Android Studio.

Full Stack Developer Intern   Jun 2017 - May 2018
DY Patil University, Navi Mumbai, India
- Developed main college website using PHP 5, jQuery, AJAX, MySQL.
- Mentored a team of 10 to redesign the website's layout with CSS3, bootstrap v4, and create a custom stylesheet.
- Designed, Conceptualized, and Moved the college database through MySQL and removed redundancy in DB.
- Built a full-fledged dynamic & responsive website with 7 different admin panels and a portal for faculties to update their details with hierarchy level access.

PROJECTS

Multilingual search system for tweets related to Covid-19
- Implemented an end-to-end system for information retrieval and analysis of multilingual tweets related to Covid-19 and vaccines using Twitter API, and hosted on Amazon Web Services with Apache Solr for querying results.

Outfit Recommendation using Machine Learning | *Capstone Project for Bachelors*
- Developed a system to recommend outfits, based on the occasion, complementary skin color, previous choices, et al. with the help of algorithms like K means clustering, Decision Tree, and Minimum distance algorithms et al.
- Utilized Django framework for developing the backend MVC framework and Matplotlib, bootstrap v4, jQuery for displaying analytics on recommendations in the frontend application.
- Published a paper for the same on SSRN in the "2nd International Conference on Advances in Science & Technology (ICAST) 2019".

OTHER ACTIVITIES
- Event Head of 'C'ensation at Techmate 2k17 organized by Computer Society of India.