Priyam Shah

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Education

Illinois Institute of Technology	**August 2021 – May 2023 (Expected)**
Master of Science in Computer Science	*Chicago, IL*

Relevant Coursework: Parallel Processing, Analysis of Algorithm, Portfolio Management

KJ Somaiya College of Engineering, University of Mumbai	**August 2016 – October 2020**
*Bachelor of Technology in Computer Engineering, **CGPA: 8.97/10,***	*Mumbai, India*

Relevant Coursework: Operating Systems, Computer Network, Blockchain

Work Experience

Professional Freelancer	**May 2020 – June 2021**

- Administered 15+ projects for 10+ satisfied clients with a team of 10 engineers.
- Reviewed business/functional requirements and then translated them into technical specifications.
- Contributed to the whole project cycle mostly focusing on the planning and system design of the project.

Apli.ai	**Apr-Sep 2019 — Jan - Mar 2020**
Head of Web Development — IIT Bombay Intern	*Mumbai, India*

- Responsible for the management and the business rules of the website applications.
- Oversaw the full life-cycle of software development with 100% on-time delivery.
- Managed escalations on development related items in case resource conflict occurs.

Technical Skills

Languages: Python, JavaScript, Dart, SQL, C, C#, PHP
Frameworks and Tools: Django, Flask, MERN, Flutter, Android, TensorFlow, MATLAB, Adobe XD, Git, AWS, Digital Ocean

Publications

To Survey the storage systems used in HPC and Big Data Analysis ecosystems: On-Going.
Sign Language Recognition using Convolutional Neural Network: Springer ICACDS 2021.
Self Driving RC Car using Behavioral Cloning: IRJET Volume 6 Issue 10, October 2019.
Decentralized Freelancing System - Trust and Transparency: IRJET Volume 6 Issue 9, September 2019.
Autonomous Underwater Vehicle: Electronics and Software Implementation of the Proton AUV: IRJET, June 2019.

Projects

Medicyl - Decentralized Health Record Management System | *NodeJs, ExpressJs, Solidity, IPFS, Ropsten Network (Ethereum)*
- Built a system that focuses on storing the patients' EHR securely, thus enabling secure sharing of the records with doctors, hospitals, or insurance companies by the people.
- Devised an access control smart contract for the electronic health record that sets access rights in control of patients.
- Qualified among top 10 teams at a National Level Project Competition organized by Uday Sahamati, India.

KJSCE Canteen Order System | *Python, Rpi, Flutter, PHP, MySQL*
- Developed a flutter app to maintain the wallet of students and to order food from the canteen, so you don't have to wait in those long lines!
- Developed an Order Printing Server so that canteen workers can have hard-copy of orders and also verify the same on the admin side of the app.
- Beta tested the application with 50+ users and then gradually launched for production usage for everyone in the college.

SRM - Student Relationship Management | *React, Laravel, PostgreSQL, React-Native, Firebase*
- This application is based on the multi-tenant architecture to cater personas like super-admin, admin, student, teacher, and parent in a digital school.
- Administered the complete project-cycle for web and mobile application with 20+ features and delivered within 6 months.

Extra-Curricular

Certified Product Manager from Brightigo Product School.
Software Team Head for the college Marine Robotics Team, qualified among the top 20 in Singapore AUV Challenge 2018.
Conducted a workshop on Blockchain Technology for the IT Department at KJSCE.
Completed Deep Learning Specialization course from Coursera.