



DIPTI KASLIWAL

B. E. Computer Engineering

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EDUCATION

- **K. K. Wagh Institute of Engineering Education & Research** Nashik, India
Bachelor of Engineering in Computer Engineering; T.E. GPA: 9.63/10.0 Aug. 2018 – Present
- **K. K. Wagh Polytechnic** Nashik, India
Diploma in Computer Engineering; Percentage: 88.94% 2015 – 2018
- **Rasbihari International School** Nashik, India
SSC; Percentage: 93% 2002 – 2015

EXPERIENCE

FinIQ Consulting India Pvt. Ltd. Nashik, India
Summer Intern May 2020 - June 2020

- **Forex Trading Web Application:** Worked on Angular 8 (Typescript) and integrated APIs to provide trading related information like currency exchange rates, stock market analysis, etc.
- **CPU Load Calibration:** A Java program to put a user specified CPU load using Threads. Basic need of this program is to help in load testing.
- **RFP on use of OLAP in the company:** A document to explain how the company can implement OLAP to help with its needs.

Siemens Ltd. Nashik, India
Internship Trainee December 2019

- **Worked in R & D Dept.:** Worked on establishing wireless communication between microcontrollers and various devices including Arduino UNO, Arduino NANO, HC-05 using standard protocols viz. RS232 and CAN using MSP2515.

PROJECTS

- **Pulmonary Disease Detection and Analysis using Deep Learning** August 2020 – Present
This system will be able to detect whether the patient has contracted Covid-19 based on the X-Ray scans provided to it. The system uses Deep Learning to do the analysis. The project is being created using ReactJS as the frontend, firebase as the database and CNN as the algorithm to create and train the model.
- **Team Up!** June 2019 – November 2019
Team Up! is a BI web application for resource management in IT organizations. It helps them to manage the available skills, resources and their utilization. With a Bootstrap HTML frontend and MySQL Java Servlet backend, it has an award winning UI, overall.
- **sanGRAM (Govt. Sponsored)** June 2017 – March 2018
sanGRAM is hosted on a government portal which is used by Gram Panchayats from all over Maharashtra to participate in Sant Gadgebaba Gram Swachhata Abhiyan Award. The project helps the government in data collection. PHP (Codeigniter) is used for the frontend and MySQL is used for backend. It is a fully responsive web application.

PROGRAMMING SKILLS

- **Languages:** Java, Python, C/C ++/Embedded C, PHP (Codeigniter), LaTeX
- **Frontend Technologies:** Angular 8, ReactJS, Flutter, HTML and CSS
- **Database-related Technologies:** Oracle, MySQL, Firebase, JDBC

COURSES, CERTIFICATIONS AND CO-CURRICULAR ACTIVITIES

- **Courses and Certifications:**

- Oracle WDP for Java (Certification) (2017)
- SAP-certified ERP course (2017-2018)
- Entrepreneurship Awareness Camp (2017)

- **Co-Curricular Activities:**

- Organized India's first AI Fest in Nashik, in association with OrbitShifters and ULS Academy in 2019.
- Presented a paper on Andorid Versions at Techmanthan-2017, K.K.Wagh Polytechnic, Nashik.
- Presented a paper on sanGRAM at MechFest-2018, K.K.Wagh Polytechnic, Nashik.
- Participated in project competition- Ayaam-2018, Sandip University, Nashik.
- Won various awards for academic proficiency.

EXTRA-CURRICULAR ACTIVITIES

- President of Debuggers' Club (A club responsible for various technical events)
- Head girl of school and House Captain and Vice-Captain
- Event Management Committee head in diploma college
- Anchoring Committee head for diploma college events like Annual Social Gathering
- Trained Bharatnatyam Dancer (*8 years*)
- Learned Harmonium (*5 Years*)
- Won various awards for anchoring, debates and elocution competitions