




# MIHIR DIGISH GADA

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## EDUCATION

### K.J. Somaiya College Of Engineering

*Bachelor of Technology in Computer Engineering*  
CGPA: 9.25/10

**Mumbai, India**

*August 2017 - May 2021*

## SKILLS

**Programming:** Python, Java, C

**Frameworks/Libraries:** Django, Flask, Node.js

**Database:** MongoDB, Firebase, PostgreSQL, MySQL

**Domains:** Machine Learning, Deep Learning, Data Science, Full Stack Development, Natural Language Processing

**Machine Learning:** Scikit-Learn, Tensorflow, Keras

**Web:** HTML, CSS, JavaScript, React, Angular

**Utilities:** Git, AWS, GCP, Selenium

## EXPERIENCE

### Synergy Community

*Co-Founder and Mentor*

**Mumbai, India**

*May 2020 – June 2021*

- Organized and conducted, courses, workshops, and speaker sessions with a vision to teach and motivate self-learning.
- Hired and Managed Interns for the complete workflow of the community sessions, ideas and projects developed.

### Synclovis Systems Pvt. Ltd.

*Research and Development Intern (Machine Learning and Automations)*

**Mumbai, India**

*June 2020 – November 2020*

- Developed a LinkedIn Job Scraper, documented a system/web design where the system makes use of the jobs scraped for hiring.
- Worked on a Research and Development project based on object detection on Piping and Instrumentation Diagrams using various Deep Learning Techniques to extract the information from the images automatically. Written a research paper on the R&D Project.

### K.J. Somaiya College of Engineering

*DevOps Intern*

**Mumbai, India**

*January 2020*

- Introduction to DevOps, its process, and tools. Get acquainted with Automation and Testing tools - Jenkins, Docker, Selenium, and Git.
- Set up CI/CD Pipeline by automating the building, testing, and deployment of applications.

### Vision Educo Consultants

*Web Developer and Analyst*

**Mumbai, India**

*June 2018 - July 2018, June 2019 - Aug 2019*

- Developed the website for the firm. Worked on displaying the data on UI using XSLT transformation with the help of XQuery.
- Analyzing the Legacy data and creating modules for the consultation.

## PROJECTS

### SUPERML – Final Year Project

 [Python Library](#)  [SuperML](#)

- Developing an AutoML system that automates the end-to-end machine learning pipeline.
- The automation phase includes Data preprocessing, Feature Engineering, Hyperparameter Optimization and Model Selection and Ensembling. Do thorough research on all the techniques and find the best to implement in the system.
- Propose a new variant of ensembling algorithm SuperML for Regression and Classification Tasks.
- Develop an open source Python Library and Flask Application for the same.

### Bullie's Eye – Cyberbullying Detection and Prevention Project

 [BulliesEye](#)

- Web Application based on LSTM-CNN Deep Learning model to detect cyberbullying on the data fetched by the crawler on Twitter.
- Two Chrome Extensions (Web Browser and WhatsApp Web) using JavaScript, and Telegram Bot to prevent cyberbullying.
- Admin dashboard to monitor bullying activities and send auto-generated reports to the authorities.

### Honesty – Chatbot for E-Governance

 [Honesty](#)

- A Cross-Platform Web Application (PWA) based Chatbot for E-Governance to provide all necessary information about government-sponsored schemes and policies.
- Multi-lingual support for Indic language (Hindi), offline SMS, and calling support for areas without a proper internet connection.

## TECHNICAL PAPERS

 [Google Scholar](#)

**Automated Feature Engineering and Hyperparameter optimization for Machine Learning** – Published in IEEE

**Cyberbullying Detection using LSTM-CNN architecture and its applications** – Published in IEEE

**Object Detection for P&ID Images using various Deep Learning Techniques** – Published in IEEE

**Super Learner: Stack Generalization Algorithm for AutoML** – Under Review

**Secured File Storage in Cloud Computing Application: Secura-Drive** – Under Review

## LEADERSHIP AND ACHIEVEMENTS

### Synergy Community – Team of 25

*Co-Founder, Mentor, Teacher, Speaker, Project Manager and Course Creator.*

**Mumbai, India**

 [Synergy Community](#)

### Smart India Hackathon 2019 – Team of 6

*Winner of Grand Finale, 1<sup>st</sup> out of 140 Teams.*

**Bhubaneswar, India**

### Smart India Hackathon 2020 Internal Hack – Team of 6

*Winner of Internal Hack, 3<sup>rd</sup> out of 50 Teams.*

**Mumbai, India**

### K.J. Somaiya College of Engineering - Internship Cell

**Mumbai, India**

*Internship Coordinator - Coordinating with Internship Cell to conduct internship related activities, volunteering seminars, and exhibitions. Database management of Internship Cell.*