Nikhil Thakur

Software Development Engineer

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B.E. Computer Engineering graduate with strong analytical and problem solving skills, proficient in Python, Java, SQL. Having Knowledge in Robotics, Machine Learning, Cloud Computing. Passionate about implementing and launching new projects. Constantly learning new technologies, strategies, and tools. Looks to begin career as an entry level software developer.

EDUCATION

- **Bachelor of Engineering | Computer Engineering** ,

  Sindhudurg Shikshan Prasarak Mandal College Of Engineering, Kankavali. Affiliated by Mumbai University

  CGPA: 6.39/10 (Aggregate: 60.13 %)   2015 — 2021

- **H.S.C.| Maharastra Board of Secondary and Higher Secondary Educaton**,

  Br. Balasaheb Khardekar Collage Of Higher Secondary Education.

  Aggregate: 60.62%   2014 — 2015

- **S.S.C.| Maharastra Board of Secondary and Higher Secondary Education**,

  R. K. Patkar Highschool Vengurla Of Secondary Education and Higher Secondaty Education..

  Aggregate: 75.27%   2013 — 2014

SKILLS

Programming Languages	Python (Numpy, Pandas), java, SQL.
Web Development	HTTP, CSS, PHP, JavaScript.
Technology and Tools	Git, Azure, GCP, LaTeX, MySQL, Data Analysis, Data Visualization, Windows, Linux, Android.
Communication	English, Hindi, Marathi.

INTERNSHIPS

Machine Learning Engineer Intern   **August 2021 — September 2021**
Elite Techno Groups   *Online*

- Completed project of Inventory Management System with python and use of .JSON file.
- Perform Data Analysis and Data Visualization on Big Data Using python numpy and pandas libraries.
- Analyse and perform different operations on Summer Olympics data.
- Complete Breast Cancer Detection project using AI, ML algorithms.

Software Developer Intern   **December 2019 — January 2020**
TECH CRYPTORS   *Kankavli, Maharastra*

- Build Project of Car with Arduino Uno Board and work with different sensors using python.
- Complete Project of Character Recognition using python opencv library.
- Build Internet Of Things projects Home Automation with Arduino Nano Board and different sensors using python.
- Create chatbot using python.
- Develop small games using python.

PROJECTS

Internship Project | "Breast Cancer Detection using Machine Learning."   **August 2021 — September 2021**
 | *Python, Pandas, Numpy, Keras(Tenserflow 2), Scikit-learn, Machine Learning, Deep Learning, windows.*

- Process Breast Cancer data of 569 instances with 30 features.
- Build Machine Learning model to predict cancer type either "Malignant" or "Benign",
- Use Keras API of Tenserflow 2 to build Machine Learning model and test different algorithms to achieve more accuracy.

Mejor Project | "Product delivery using autonomous drone system."   **Jun 2020 — March 2021**
 | *Python, Pixhawk, Ardupilot, Dronekit, MAVProxy, MAVLink, GPS, Raspberry Pi, Debian, HTML, CSS, MySQL.*

- Build Autonomous Drone from scratch with technologies pixhawk, raspberry pi, raspbian (os). Mission planner (software), windows (os).
- Develop python algorithm Autonomous flight navigation using GPS with path finding algorithm with 90% accuracy.
- Develop last mile product delivery system using autonomous drone.
- Lead team of four members to accomplish this project.

Courses and Training

- Professional Certification in java Programming from Udemy (course).   Persuing
- Fundamentals of Python from Coding Ninjas(Certificate of Excellence)(course).   November 2021
- python, Introduction to Machine Learning, Pandas form Kaggle(course).   August 2021
- Red Hat certification Introduction to OprnShift Applications(DO101)(training).   March 2021
- NPTEL training certification Linux.   April 2020
- NPTEL training certification PHP and MySql.   September 2017

Extracurricular Activities

- Participated in "Google Cloud Community Days India" organised by GDG Cloud   January 2021
- Lead "Robotics Committee" of "Student Council" Of the Collage.
- Hosted and participated collage Cultural Event "Uttung"   March 2020
- Hosted and participated Collage technical event "Vertuosic"   February 2020
- Participated Robotics competition "E-Yantra" organised by IIT-Bombey   September 2019
- Lead team of 11 Members of Drone Building Competition and workshop.   September 2018
- Participated in Python Language training by ElectroCloud Lab Workshop.   March 2017
- Participated in ARC India Robotics Desighn workshop   March 2016