

Abhishek Bhat

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EDUCATION

- The Oxford College of Engineering** Bangalore, India
 - Bachelor of Engineering - Electronics and Communication Engineering; GPA: 8.24* July 2019 - June 2023
 - Courses: Embedded Systems, Digital Electronics, Verilog HDL, Analog Electronics, Machine Learning, Computer Networks, Python*

SKILLS SUMMARY

- Languages:** Python, C++, JavaScript, SQL, JAVA, Matlab, Verilog
- Frameworks:** Scikit, Pandas, Tensorflow, ReactJS, NodeJS, ExpressJS
- Tools:** GIT, MongoDB, MySQL, SQLite
- Platforms:** Windows, Web, Arduino, Raspberry, Linus(basics)
- Soft Skills:** Leadership, Event Management, Time Management

EXPERIENCE

- Technocolabs Softwares** Remote
 - Machine Learning Engineer(Intern)* Sep 2022 - present
 - Sales prediction:** Worked on Big Mart Sales prediction project
 - Current projects:** Working on real-world projects on unsupervised Machine Learning like collaborative filtering, k-means clustering
- IEEE photonic society** Remote
 - Intern* Dec 2018 - Present
 - Worked on the Optical Fiber Bragg Grating sensor:** Simulation and analysis of FBG as a temperature sensor and pressure sensor
 - Impact - :** FBG as temperature sensor using different coating materials.
- Web Admin of Prakash Bharati website**
 - Webmaster* Aug 2021 - present
 - Upgrades:** Built and maintained websites for client through various online platforms
 - API:** Created and tested APIs for website.

PROJECTS

- Integration of multiple bank cards into a single and secure card (MERN application, IOT):** Multiple bank card to single RFID enabled card which can reduce the hassle of carrying multiple bank cards and can be easily interfaceable with the POS terminals faster. Tech: MERN stack, Arduino, NodeMCU
- Unsupervised machine learning learning Spotify playlist recommendation system environment (Machine Learning, Web Development):** Scratch like tool for implementing machine learning pipelines along with built in tutorial for each concept. Tech: Python, JavaScript (September '18)
- Bite force measuring device (Embedded system, sensor calibration):** Developed a non invasive medical device to measure the human bite force and pressure distribution which is cost-effective and accurate. Tech: ARM micro controller , C++

HONORS AND AWARDS

- Grand finalist of Smart India Hackathon (hardware edition-2022): All India open innovation hackathon event by Ministry of Education innovation cell Govt. of India with AICTE
- Winner of SymbIOT-2022 hackathon: 24 hour build challenge in Internet Of Things held at VVCE, Mysore
- Winner of Ideathon: Intra college idea exhibition

VOLUNTEER EXPERIENCE

- Chair of IEEE student branch** TOCE, Bangalore
 - Organized online and offline technical & soft-skills training* Aug 2022 - Present
- Event Organizer and vice chair of IEEE student branch of** TOCE, India
 - Organized events, conducted workshops and webinars* Jul 2021 - Present