

Kaushal Bhansali

Portfolio: bin4rygh0st.github.io

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EDUCATION

- **Jaypee Institute of Information Technology** Noida, India
Bachelor of Technology - Computer Science; GPA: 8.0 *July 2017 - Present*
Courses: Data Structures & Algorithms, Operating Systems, Software Engineering, Networking, Databases
- **Mother Teresa Public Sr. Sec. School** Balotra, India
Sr. Secondary (RBSE Board); Percentage: 87.80% *July 2017*
- **Shanti Niketan Sr. Sec. School** Balotra, India
Secondary (RBSE Board); Percentage: 90.17% *July 2015*

SKILLS SUMMARY

- **Languages:** Python, C/C++, PHP, JS/TS, SQL
- **Tools:** GIT, MySQL, Github
- **Platforms:** Linux, Web, Windows, Arduino, RaspberryPi
- **Soft Skills:** Event Management, Public Speaking, Time Management

EXPERIENCE

- **Software Developer Intern - Amazon** Remote
Internship *Feb 2021 - Present*
 - **Project:** Build the UI & pipelines of new version of an existing tool used by customers, to minimize the manual efforts.
 - **Tech:** React.js, TypeScript, Redux, Jest, Services of AWS (Lambda, APIG etc.).
- **Microcontroller based Systems & Robotics Hub - IIIT** Remote
Organizer *July 2019 - Aug 2020*
 - **Autonomous Robotics Workshop:** Managed & taught about building LFR with Arduino, Sensors etc.
 - **Manual Robotics Workshop:** Managed & taught about building Manual Robot with Gears, Motors etc.
 - **Impact:** Several participants displayed projects in conferences and hackathons.
- **Freelancing** Remote
Freelancer *June 2020*
 - **Project :** Developed an optimized interactive GUI software to visualize, store & manipulate output of different Electronic Hardware Lab components to run on Raspberry-Pi Touch Display.
 - **Tech:** Python, Tkinter, Serial communication APIs.

PROJECTS

- **KHOJ (Web Development, Machine Learning):** A platform to prevent human trafficking, find lost person during natural disasters or large human gatherings and identifying dead bodies. Tech: Python, OpenCV, Django, HTML, CSS
- **Quizzing Portal (Web Development):** Fully functional quizzing portal with registration system and time constraint based Quiz hosting with User role management. Tech: PHP, JS, HTML, CSS
- **The Fitness Box (Web Development):** A fitness related E-Commerce and Content Sharing Platform. Tech: PHP, MySQL, JS, AJAX, HTML, CSS
- **Flight Navigating and Alerting system (Data Structure):** Flight's real time navigation and alerting system. Tech: DS: K-D Tree, C++, Python, API-OpenSKI
- **Hand gesture to Text and Speech Conversion system(Hardware):** Project to convert different hand gestures into text and speech for specially abled people. Tech: Arduino, Bluetooth, LDR-Sensors, TTS-Application

HONORS AND AWARDS

- Letter of Appreciation - ICSC Conference.
- Top 5/200 NEC Ideathon.
- Rated 4 Star on Codechef.
- Secured (65/1865)th position in Codechef 2019 Cookoff.
- Secured Below 100 position individually out of more than thousand teams multiple times(csictf, rgbCTF, redpwn-ctf etc.) in Capture the Flags (Cyber Security).

VOLUNTEER EXPERIENCE

- **Coordinator at Microcontroller based Systems & Robotics Hub-IIIT** Noida, India
Conducted workshops & hands-on session on building Autonomous and Manual Robots *July 2019 - Present*
- **Mentored Project Exhibition at IC3 Conference** Noida, India
Mentored participants to build awesome software and hardware projects. *Jan 2020*