PRATIK KANUNGO

Bachelor of Engineering
Electronics and Communication Engineering
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PROJECTS

WORK EXPERIENCE:

Tata Consultancy Services(Nov 2020-Present):
- Working on MVC Architectural structure and Microservices.
- Used Technologies - Java, SpringBoot, Postgres SQL and Microservices.
- Agile Development(JIRA and Github) and Scrum meetings.

Health Ministry Project, MALTA (April 2019- May 2019):
- Worked for **Logikview Analytics Pvt. Ltd. Indore.**
- Technologies/APIs/Databases Used- NodeJS, Javascript, MySQL.
- This was a project of **MALTA** country's Health ministry which is used to keep records of the hospitals and patients.

Smart Home Framework (August 2018 – November 2018):
- Worked for **Thinking Machines Pvt. Ltd. Ujjain.**
- Technologies/APIs/Databases Used- Java, C++, Python, Arduino IDE,Internet of Things(IOT).
- This is Application used to control our home electric appliances through our home router.

COLLEGE PROJECT:

Vehicle Monitoring and Control (March 2020-June 2020):
- Technologies/APIs/Databases Used: C++,Arduino IDE,Internet of Things(IOT).
- In this basically we monitor the driver whether he/she is drunk or he/she is drowzy and if he/she is drwozy or drunken then we send alert to number through GSM and rings the buzzer and stops the ignition of the car.

OTHER PROJECTS:

Website on some of the webservices (July 2020-August 2020):
- It is J2EE based website containing 2 services.
- Technologies/APIs/Databases Used: Java, Python, HTML, CSS, Javascript, Servlets, JSP, MySQL, Jquery, Tomcat 9, Google speech to Text, PdfKit
- It is web based project which has basically 2 services that is **HTML to Pdf** (which gives pdf from the given URL), **Mysql To Excel**(which gives Excel files of the database tables from the script given).
- Link-> https://github.com/pk111297/services

RestServices Checker (February 2020):
- It is a Python application.
- Technologies/APIs/Databases Used: Python,Tkinter,REST Services
- It is a python web apllication which is used to check the REST services.
- Link-> https://github.com/pk111297/RestServicesChecker

Websocket server in C (November 2018-January 2019):
- It is an implementation of websockets server working in C.
- Technologies/APIs/Databases Used: C,Websockets.
- Link-> https://github.com/pk111297/Websocket-Server-C

Screen Sharing Tool (June 2018-July 2018):
- This is a Graphical User Interface(GUI) tool in java which is used to share the screen of the Device with other device.
- Technologies/APIs/Databases Used: Java,Sockets.
- Link -> https://github.com/pk111297/ScreenSharingTool

SKILLS

LANGUAGES: C,C++,Java,Python,Javascript,SQL,HTML,CSS.

DATABASE: MySQL, PostgresSQL

TOOLS: Tomcat 9, Node.js, Maven.

FRAMEWORKS: SpringBoot, JQuery.

OTHER SKILLS: Microservices, Data Structures, Image Processing , J2EE, Websockets, Internet Of Things(IOT).

PLATFORMS: Windows and Linux (Centos7 and Ubuntu 20.04)

EDUCATION

BACHELOR OF ENGINEERING (BE):
Ujjain Engineering College,**Ujjain**
Electronics and Communication Engineering (ECE)
August 2016-August 2020 **(8.50 CGPA)**

12th STANDARD:
St. Jude's Higher Secondary School, Khargone (CBSE Board)
April 2014-April 2015 **(84.4 Percentage)**

10th STANDARD:
St. Jude's Higher Secondary School, Khargone (CBSE Board)
April 2012- April 2013 **(9.6 CGPA)**

CERTIFICATIONS

- Google Cloud Certified **Associate Cloud Engineer.**
- Certificate of **Machine Learning** from **Stanford University** from Coursera.
- Certificate of **C** from **IIT Kanpur** from NPTEL.
- Certificate of **C++** from **IIT Kharagpur** from NPTEL(Top 5 percentile).
- Certificate of **Programming for Everybody, Getting started with Python** (University of **Michigan**-Coursera).
- Certificate of **Python Data Structures** (University of **Michigan**-Coursera).
- Certificate of **Crash Course on Python** by **Google.**

ACHIEVEMENTS

- Qualified **TCS Code-Vita** 2018, **TCS Code-Vita** 2019.
- Qualified **Google Code JAM** 2019.
- Qualified **Facebook HackerCup** 2019 & 2020 qualifier round.
- Qualified **Techgig Code Gladiators SemiFinale** 2020.
- Attended National Level Quiz Competition **AISECT Knowledge Olympiad** 2014.

WORKSHOPS

- Attended a workshop on ChatBot.
- Attended a workshop on Ethical Hacking and Cyber Security.

EXTRA-CURRICULAR ACTIVITIES

- Was a coordinator at AAYAM 2018 Cultural Fest.
- Was a coordinator at Blood Donation Camp.
- Attended a Marathon(Run for Swacchta) at Ujjain.
- Played Cricket for College Team.
- Played BasketBall for School Team in InterSchool Basketball competition.