SURAJ PRAKASH

Kondapur, Hyderabad, Telangana 500084

📞 +91 7488181685 ✉ surajprakash.goodwill@gmail.com in Linked-In ○ GitHub: suraj prakash repo.....

Education

Guru Gobind Singh Educational Society's Technical Campus	Sep. 2017 – Oct 2021
B.Tech in Electrical And Electronics Engineering	*Chas, Jharkhand*

D.A.V Public School	Sep. 2015 – May 2017
10th , 12th	*Bokaro Steel City, Jharkhand*

Relevant Coursework

- Data Structures
- SQL
- Algorithms Analysis
- Database Management
- OS And Networking
- Unix And Git
- Analog And Digital
- Auto CAD Electrical

Projects

∗ − − > Employee Management System | *Core Java (**Swing** and **AWT**), MySQL, **JDBC***   **Major** ○ **Link**

- Employee Management System Java Project allows us to manage all employee information in a database where you can <u>check</u> and <u>update</u> and <u>view</u> employee details and can <u>delete</u> them in case an employee leaves the company.
- For a further and deeper understanding, I even referred to some articles, creators, websites and blogs.
- **Technologies Used:** Core Java, net beans, concepts of swings and applets
- **Database Used:** MySQL

∗ − − > Quiz-Application | *Java, Desktop Based Application*   **Minor-1** ○ **Link**

- It is a Desktop Based Application with the help of <u>Java Swing</u>, <u>core Java</u> and <u>Abstract Window Tool-kit</u>.
- UI and frame is built with the help of **swing** and **awt**, Core Java concept used like OOPs, method overloading, overriding, Inheritance, Abstract Class, Graphics Class etc.
- Here **4 class** I made respective to its frame i.e <u>login</u>, <u>Rules</u>, <u>Quiz</u> Interface with ongoing graphics class timer with lifeline and <u>Scoreboard</u> frame at last to show the result.

∗ − − > Private-Messenger | *Java, Apache Netbeans, **Socket Programming**, Multicasting*   **Minor-2** ○ **Link**

- It is a simple chat application between a <u>server</u> and a <u>client</u>. The application is a desktop-based application and is implemented using Swing and AWT. The project is developed in Java SE language and executed on a single stand-alone java across a network using the <u>Loopback</u> address concept.
- It is a Desktop Based chatting application with the help of Java Swing to make the frame, <u>Socket programming</u> to transfer messages from server and Client.
- I tried to make frame, looks, working similar to <u>whatsApp chatting window</u>.

Workshops/Projects(Electrical)

UAV(Hexacopter DRONE) | *Multi-Rotor,APM 2.8 flight Controller, autopilot Software*   **GD : Link**

- **Weight**-3.5kg, **Rotor**-8, **Endurance**-25min, **Payload**-2kg.
- **Sensors**: Gyroscopes, Magnetometers, Accelerometer, GPS, Barometer Pressure Sensor, Compass, Lidar
- Tasks with limited budgets, time and large area coverage with hard-to-reach places having difficult terrains can be counter easily with UN-Manned Aerial Vehicles remote access control and safety of a pilot onboard.

AUTO CAD ELECTRICAL | *Indo Danish Tool Room(MSME), Jamshedpur*   **Certificate : Link**

- Electrical computer-aided design (ECAD) software systems are used to design and develop electronic systems such as printed circuit boards (PCBs) and integrated circuits (ICs).
- ECAD software enables electrical engineers to create as well as modify diagrams and layouts including **2D** and **3D** models.

Technical Skills

Languages: Java, HTML/CSS, SQL, Matlab.
Developer Tools: Apache Netbeans, Atom, BootStrap, Eclipse, Azure.
Technologies/Frameworks: Linux, GitHub, Bitbucket, WordPress.