

PHOOL ROSHAN JHA

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EDUCATION

Indian Institute of Technology, Bhilai |

M. Tech Computer Science | 2022 - 2024

Jaipur Engineering College and Research Centre,

Jaipur (Affiliated RTU, Kota) | B. Tech Computer

Science | Passed Nov, 2020 - 75.38%

Kendriya Vidyalaya, NEHU, Shillong

PCM with CS | Passed May, 2015 - 94.0%

LINKS

LinkedIn: [//phool-roshan-jha](#)

Github: [//roshanjha280](#)

Leetcode: [//roshan_jha](#)

Hackerrank: [//roshan_jha](#)

Play Store: [bit.ly/playstore_roshan](#)

UNDERGRADUATE

Data Structures | Algorithms | DBMS | Operating

Systems | Object Oriented Programming |

Computer Networks | Computer Architecture |

Software Engineering

SKILLS

PROGRAMMING

Experienced:

JAVA | C# | C/C++

Intermediate:

Android | Python | SQL | NoSQL

Familiar:

PHP | HTML | JavaScript | AWS (Basics services)

TOOLS & TECHNOLOGY:

Android Studio | Git | Github | Visual Studio |

Postman | Firebase | Local Server (WAMP, XAMPP)

| Eclipse | Netbeans | SQLite DB | MySQL |

OracleDB | MongoDB | .NET | ASP.NET

OPERATING SYSTEMS: Windows | Linux (Ubuntu)

INTERNSHIP

SULITEOS PVT. LTD. | Android App Development

Jul 2018 – Sep 2018 | Gurugram, Haryana

Projects: MTC Child Care and Garbage Kart

(Android Studio (JAVA), Firestore as DataBase, Github)

- **MTC Child Care** - Improved the user interface, fixed the bugs, improved the connectivity to Firestore, added new features

- **Garbage Kart** - Developed the app from scratch using Firestore as cloud storage as per the requirements and working

WORKSHOP

"Trends in Digital Marketing" Jan 2019

"Big Data & Data Analysis" IIT Kharagpur Sep 2017

"Android App Development" IIT Kanpur Mar 2017

EXPERIENCE

PERSISTENT SYSTEMS | Software Engineer | Dec 2020 – July 2022 | Pune

• **Accelya**

Work: Backend Dev

Tech: JAVA, Spring Boot, Postgres SQL, Microservices, JUnit, Mockito, SOLID design pattern, OOPs, Git, Gitlab, SourceTree, Docker with WSL2, JIRA, Jenkins, CI/CD, Reactive programming, Elastic Search, Cassandra.

• **Teletrac Navman**

Work: Full Stack dev

Tech: C#, .NET, ASP.NET, MVC, RestFul Web API, WCF, SQL, LINQ, GIT, OOPs, Javascript, Typescript, HTML, CSS, JQuery, ReactJS, Redux, KendoUI, SQL Server.

Working as a Full Stack developer and solve User stories and fix production issues/bugs in the tools part of the project as per the requirement of the client.

PROJECTS

Indian Railway: (Project: [bit.ly/indian_railway91](#)) – **(Major Project)**

(Android Studio (JAVA), PHP Scripts, WAMP Server, Firebase)

The project is concerned with overcoming problems digitally, faced by the travelers at the station by using the present technology, problems like the problem in listening of the announcements, belongings security, Instant care.

Scanner – Extract text from Images & QR: (Android Studio (JAVA), SQLite

DB, Google Cloud Vision API) **(Play Store:** [bit.ly/scanner_text_qr](#))

Extract the texts from images which can be edited or shared. Combined with QR scanner which can scan QR and can be used to get redirected to search engine if wanted.

Pizza App: (Java, Spring Boot, React JS, MySQL)

A Full fledge full stack app which deals with displaying types of pizza, together with order, payment, delivery, and feedback details.

Student Management: (Java, Spring Boot, React JS, Postgres SQL)

Full Stack application which can be used for managing student details.

Chat application for PC: (Eclipse, JAVA, Java Networking)

A GUI based WhatsApp like chat app using Java socket programming.

Library Management System: (Eclipse, JAVA, Swing, SQLite)

A GUI based windows app to managing books in Library.

OpenCV 4 in C++: (Visual Studio, C++, CMake)

Live detection of face, age and gender by implementing caffe trained model.

ACHIEVEMENTS & CERTIFICATES

- **Android App on Play Store** - Scanner, published Dec 2018

- Maximum ratings on **Leetcode**, **Hackerrank**, **Hackerearth** (JAVA, C++)

- **NPTEL Certificates:** Programming in JAVA, Design and Analysis of Algorithms

- **Microsoft Technology Associate (MTA)** Certification - Python, Mar 2019

- **Training certificates** - JAVA, Android App Development, Python, Machine Learning

- **2nd prize** - Subito Mini Hackathon (Android app development)

- **Group Leader** at Android Internship, Rajasthan Hackathon, JECRC Hackathon