



PRAKHAR RATHI

B.TECH, (M.SC)

Address: An der Schönen Aussicht 3, 33098 Paderborn, Germany

Email: prakhrathi@gmail.com

Website: <https://prakharr0.github.io/myportfolio/>

Mobile: +49 17656949714

EDUCATION

Universität Paderborn, Germany

M.Sc. - Computer Science

10/2019 - Present

Dr. A.P.J. Abdul Kalam Technical
University, U.P, India

B.Tech. - Computer Science and
Engineering

08/2014 - 06/2018

CERTIFICATIONS

Industrial Training in Java-J2EE

Apron Solutions Pvt. Ltd., Noida,
India

Certification of Proficiency in
Java/J2EE

Ducat, Noida, India

Machine Learning A-Z: Hands-on
Python and R in Data Science
Udemy

SEMINARS

Learning to Sort - Machine
Learning

Introduction to the Robot
Operating System - Main Concepts
and Application Scenarios

ERNIE: A Continual Pre-training
Framework for Enhanced Language
Representation (Recent Advances
in NLP)

LANGUAGES

English: Business Fluent (C1)

German: Intermediate (A2)

PROFESSIONAL EXPERIENCE

WIPRO Limited, Bengaluru, India - Project Engineer

07/2018 - 02/2019

- Implemented Database Manipulation and Database Definition Queries using SQL in Python and Java
- Pitched in to assist senior developers to meet pressing deadlines during understaffed periods

PROJECTS

Virtual and Augmented Reality Assisted Robot Programming (VARobot)

- Contributed to the Web Application development with responsive User Interface using HTML5, CSS3, and Bootstrap4. <https://varobot-pg.github.io/>
- Developed Software of AR app for Android using Unity, C#, Android Studio, and Java.
- Implemented single handedly a unique approach of programming a Lego NXT Mindstorm Robot by developing an Android plugin for Unity using Java for LeJOS and Android Studio as the Backend.
- Conducted usability study and visualized the data using Python's matplotlib and seaborn libraries.
- Performed hypothesis testing on the usability study data using Python, visualized the results, and wrote a technical report.

Student Service - CRUD Full-Stack Web Application

- Developed a full-stack web application with responsive UI for CRUD operations using ReactJS via npm as the front-end and Spring-boot REST API in Java as the Backend.
- Developed React components using HTML, CSS, Bootstrap, and JavaScript.
- Handled MySQL database manipulation through Java Persistence API

Personal Portfolio - Frontend Web Application

- Developed a Web Application with responsive User Interface using ReactJS and Bootstrap for self-introduction.

SKILLS

- OOPs, Java, Python, C
- MySQL, NoSQL
- REST APIs, JPA
- HTML, CSS
- Docker, Bootstrap
- JavaScript, ReactJS
- Relational Database Management
- Data Analysis using Python
- Machine Learning
- Github, Trello
- Confluence
- Windows, Ubuntu
- Goal-oriented
- Strong communication skills
- Strategic analysis of tasks