

# PARTHIV RAWAT

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[GFG Profile](#) | [LeetCode Profile](#) | [HackerRank Profile](#) | [CodeChef Profile](#)

## EDUCATION

**PDPM Indian Institute of Information Technology Design and Manufacturing Jabalpur, India** (Jul 2018 - Aug 2022)  
Bachelors of Technology in Mechanical Engineering (GPA: 7.8/10.0)

**The Coding School** (Jul 2020 - Aug 2021)  
Quantum Computing

## EXPERIENCE

**Flyhigh EduTech Solutions** May 2023 – Dec 2024  
Full-Stack Developer Noida, India

- Developed end-to-end features using **ReactJS** for front-end and **Golang** for back-end, enhancing application functionality.
- Designed and implemented RESTful **API** endpoints, facilitating seamless integration between front-end and back-end systems.
- Managed **MySQL** and **MongoDB** databases, optimizing queries and ensuring data integrity.
- Configured and deployed applications on **Google Cloud Platform (GCP)** using App Engine.
- Collaborated with cross-functional teams to deliver projects on time, improving overall project delivery by 20%.

**Gao Tek Inc.** (Jan 2023 - Apr 2023)  
Software Development Intern, Internship Bangalore, India

- Understanding demands and requests from clients and points discussion with senior developers and other interns.
- Doing research on different requirements or modules using different environments and IDEs which best suits our needs.
- Debugging existing code base and integrating APIs, Buffer, Hardware Driver, and Modem together in a library.

## PROJECTS

**QR Code Generator Application** (Jul 2022 - Aug 2022)  
Udemy Learning [Github](#)

- Create QR Code on fly with URL **GET Request** which can store up to **4296 alphanumeric characters** of arbitrary text.
- Uses **Google Chart API** and requires three query parameters i.e **QR Code Specifier, Image Size, Information to store**.
- Application in contactless payments, banners and advertising, ordering at restaurants, product packaging, etc.

**Basic Arithmetic Calculator** (Apr 2022 - May 2022)  
Youtube Learning [Github](#)

- Application which solves **Arithmetic** Expression just like a regular calculator and displays results using the **eval** method.
- Uses Web Technologies like **HTML, CSS** for creating **DOM**, and **JavaScript** for creating events and applying logics.
- Application in solving day-to-day tasks involving numbers, limited resource calculator usage like in competitive exams.

**Heart Disease Monitoring System** (Jan 2021 - Apr 2021)  
Prof. Kusum Kumar Bharti, IIITDM Jabalpur [Github](#)

- Analyze real-life data and parse for useful information and applying different **Machine Learning Algorithms**.
- ML algorithms used are **Logistic Regression, Naive Bayes, SVM, K-NN, Decision Tree, Random Forest, Neural Networks**.
- Application in finding most relevant heart disease associated with existing symptoms with maximum efficiency.

## TECHNICAL SKILLS

**Programming languages:** Golang, C++, JavaScript, Python  
**Front-End Technologies:** HTML, CSS, JavaScript, ReactJS  
**Databases:** MySQL, MongoDB, Neo4j  
**ML/AI:** Numpy, Pandas, Matplotlib, Scikit-learn

**IDE:** Visual Studio Code, PyCharm  
**Back-End Technologies:** NodeJS, ExpressJS  
**APIs:** RESTful, GraphQL  
**Cloud Platforms:** Google Cloud Platform (GCP), AWS

## SOFT SKILLS

**Interpersonal:** Communication, Decision Making, Team Work  
**Situational:** Adaptability, Problem Solving, Negotiation

**Personal:** Responsibility, Punctuality, Innovation

## RELEVANT COURSEWORK

**Computer Science:** Machine Learning, Data Structures and Algorithms, Databases, Operating Systems, Computer Networks  
**Mathematics:** Optimization, Probability and Random Processes, Calculus, Linear Algebra, Differential Equations

## ACHIEVEMENTS

<b>Coding Problems</b>	Solved <b>more than 1000</b> problems at different coding platforms.	(2022-2024)
<b>HackerRank Badges</b>	Earned 7 badges ( <b>4 4-star</b> ) in <b>HackerRank Platform</b> .	(2022-2024)
<b>Bachelor Thesis Project</b>	Completed thesis project in <b>Thermal Analysis of Single Point Cutting Tool</b>	(2022)
<b>GATE 2022</b>	Secured <b>7384th Rank</b> among 126979 candidates.	(2021-2022)