

# PARTHIV RAWAT

 [github.com/Hack-Mav](https://github.com/Hack-Mav) |  [linkedin.com/in/parthiv-rawat](https://linkedin.com/in/parthiv-rawat) |  [alpha.parthiv05@gmail.com](mailto:alpha.parthiv05@gmail.com) |  +91-9589883958  
[GFG Profile](#) | [LeetCode Profile](#) | [HackerRank Profile](#) | [CodeChef Profile](#)

## EDUCATION

<b>PDPM Indian Institute of Information Technology Design and Manufacturing Jabalpur, India</b> Bachelors of Technology in Mechanical Engineering	(Jul 2018 - Aug 2022) (GPA: 7.8/10.0)
<b>The Coding School</b> Quantum Computing	(Jul 2020 - Aug 2021)
<b>Kiddy's Corner Public School</b> High School Education	(Apr 2016 - Jun 2018)

## EXPERIENCE

<b>Flyhigh EduTech Solutions</b> Backend Developer	(May 2023 - Aug 2024) Noida, India
<ul style="list-style-type: none"><li>Developed a <b>decentralized</b> identity application backend from scratch to issue <b>verifiable credentials</b>.</li><li>Designed and implemented secure <b>API</b> endpoints for credential <b>issuance, verification, and revocation</b>.</li><li>Integrated <b>cryptographic</b> functions to ensure the <b>integrity</b> and <b>authenticity</b> of credentials.</li><li>Collaborated with frontend developers to provide a <b>seamless user experience</b>.</li></ul>	

<b>Gao Tek Inc.</b> Software Development Intern, Internship	(Jan 2022 - Apr 2023) Bangalore, India
<ul style="list-style-type: none"><li>Understanding demands and requests from clients and points discussion with senior developers and other interns.</li><li>Doing research on different requirements or modules using different environments and IDEs which best suits our needs.</li><li>Debugging existing code base and integrating APIs, Buffer, Hardware Driver, and Modem together in a library.</li></ul>	

<b>Solar Secure Solutions</b> Data Science Intern, Internship	(Dec 2022 - Jan 2023) Bangalore, India
<ul style="list-style-type: none"><li>Commissioning and decommissioning of data sets and managing <b>master data</b> including creation, updates, and deletion.</li><li>Assessing tests, implementing new or <b>upgraded software</b>, and assisting with <b>strategic decisions</b> on new systems.</li><li><b>ML algorithm</b> to create the model and providing technical expertise in <b>data storage, data mining, and data cleansing</b>.</li></ul>	

## PROJECTS

<b>QR Code Generator Application</b> Udemy Learning	(Jul 2022 - Aug 2022) <a href="#">Github</a>
<ul style="list-style-type: none"><li>Create QR Code on fly with URL <b>GET Request</b> which can store up to <b>4296 alphanumeric characters</b> of arbitrary text.</li><li>Uses <b>Google Chart API</b> and requires three query parameters i.e <b>QR Code Specifier, Image Size, Information to store</b>.</li><li>Application in contactless payments, banners and advertising, ordering at restaurants, product packaging, etc.</li></ul>	

<b>Basic Arithmetic Calculator</b> Youtube Learning	(Apr 2022 - May 2022) <a href="#">Github</a>
<ul style="list-style-type: none"><li>Application which solves <b>Arithmetic</b> Expression just like a regular calculator and displays results using the <b>eval</b> method.</li><li>Uses Web Technologies like <b>HTML, CSS</b> for creating <b>DOM</b>, and <b>JavaScript</b> for creating events and applying logics.</li><li>Application in solving day-to-day tasks involving numbers, limited resource calculator usage like in competitive exams.</li></ul>	

<b>Heart Disease Monitoring System</b> Prof. Kusum Kumar Bharti, IIITDM Jabalpur	(Jan 2021 - Apr 2021) <a href="#">Github</a>
<ul style="list-style-type: none"><li>Analyze real-life data and parse for useful information and applying different <b>Machine Learning Algorithms</b>.</li><li>ML algorithms used are <b>Logistic Regression, Naive Bayes, SVM, K-NN, Decision Tree, Random Forest, Neural Networks</b>.</li><li>Application in finding most relevant heart disease associated with existing symptoms with maximum efficiency.</li></ul>	

## TECHNICAL SKILLS

<b>Programming languages:</b> C++, C, Python, Java	<b>IDE:</b> Visual Studio Code, IntelliJ, PyCharm
<b>Front-End Technologies:</b> HTML, CSS, JavaScript, ReactJS	<b>Back-End Technologies:</b> NodeJS, ExpressJS
<b>Databases:</b> MySQL, Oracle, MongoDB	<b>APIs:</b> RESTful
<b>ML/AI:</b> Numpy, Pandas, Matplotlib, Scikit-learn	<b>Miscellaneous:</b> Git, Shell Scripting, LaTeX

## SOFT SKILLS

<b>Interpersonal:</b> Communication, Decision Making, Team Work	<b>Personal:</b> Responsibility, Punctuality, Innovation
<b>Situational:</b> Adaptability, Problem Solving, Negotiation	

## RELEVANT COURSEWORK

<b>Computer Science:</b> Machine Learning, Data Structures and Algorithms, Databases, Operating Systems, Computer Networks
<b>Mathematics:</b> 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)