

# Rupesh Dharme

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## EDUCATION

<b>Pune Institute of Computer Technology, Pune</b> Bachelor of Engineering in Computer Engineering	Jul 2019 - Jun 2023 GPA: <b>9.59</b>
<b>Agarkar Jr. College, Akola</b> Higher Secondary School Certificate	Jul 2017 - Jun 2019 Percentage: <b>93.08</b>
<b>Saint Paul's Academy, Akot</b> Secondary School Certificate	Jul 2016 - Jun 2017 Percentage: <b>97.00</b>

## EXPERIENCE

<b>iMocha Works</b> Problem Curator, Freelance	Aug 2021 - Present Remote
<ul style="list-style-type: none"><li>• Created coding problems on topics like <b>trees</b>, <b>dynamic programming</b> and <b>hashing</b>.</li><li>• Created coding problems on Engineering concepts like <b>IP addresses</b> and <b>job scheduling</b>.</li><li>• The problems are used in hiring assessments to test the individuals on iMocha platform.</li></ul>	
<b>PRPCEM, Amravati (Engineering College)</b> 🌐 Python Instructor, Workshop	Jyly 2020 - Aug 2020 Remote
<ul style="list-style-type: none"><li>• Conducted under PRPCEM college's <b>placement enhancement program</b>.</li><li>• Explained programming concepts to final year B.E. students.</li><li>• 10 days, virtual sessions and assessments.</li><li>• Around <b>160 students</b> from electrical department attended the workshop.</li></ul>	

## PROJECTS

<b>Text file compressor</b> <i>Cpp, Console Application</i>	Mar 2022 - Apr 2022 🌐
<ul style="list-style-type: none"><li>• A console application in Cpp for compressing and decompressing text file.</li><li>• Used Huffman coding algorithm for lossless compression.</li></ul>	
<b>Two pass assembler</b> <i>Python, Console Application</i>	July 2021 - Sept 2021 🌐
<ul style="list-style-type: none"><li>• Simulation of a two pass assembler using python programming language.</li><li>• Able to handle many assembler directives, imperative and declarative statements.</li></ul>	
<b>Other Projects</b> <ul style="list-style-type: none"><li>• <b>Auto save snip</b> 🌐 : A program that automatically saves custom screenshots captured using windows snip and sketch software to desired location.</li><li>• <b>Tasty Treats</b> 🌐 🍷 : A web based application built with Node.js to search for recipes and upload new recipes.</li></ul>	

## ACHIEVEMENTS

<b>Achivement 1</b>	Codechef highest rating <b>1744</b> , LeetCode highest rating <b>1666</b> .	2021-22
<b>Achivement 2</b>	<b>800+</b> Problems solved on different programming platforms such as LeetCode(500+), CodeChef(100+), GeeksForGeeks and others.	2021-22
<b>Achivement 3</b>	<b>99 percentile</b> in Logical and Quantitative ability. <b>98/100</b> in Automata Pro (Programming) and <b>100/100</b> in Automata Fix (Debugging).	2021-22
<b>Achivement 4</b>	Created more then <b>30</b> coding problems which are used in hiring assessments.	2021-22
<b>Achivement 5</b>	<b>5 star</b> on HackerRank in Problem solving, Cpp, Python and SQL.	2019-22
<b>Achivement 6</b>	MHT-CET exam percentile <b>99.64</b> , JEE Mains percentile <b>96.87</b> and JEE advanced AIR <b>35190</b> (8674 OBC-NCL).	2018-19
<b>Achivement 7</b>	HSC College <b>Rank 1</b> , SSC School <b>Rank 2</b>	2017-19
<b>Achivement 8</b>	Maharashtra Talent Search (MTS) Exam District <b>rank 2</b> , Scholarship merit class 4 ( <b>256/300</b> ) and class 7 ( <b>236/300</b> ).	2014-15

## TECHNICAL SKILLS

**Programming languages:** Cpp, Python, MySQL  
**Web technologies:** HTML, CSS, JavaScript, Node.js, Express.js  
**Tools/Frameworks:** Google Colabratory, Git, Github, VS code, L<sup>A</sup>T<sub>E</sub>X  
**Familiar with:** Numpy, Pandas, Scikit-learn, MongoDB

## ADDITIONAL INFORMATION

**Coursework:** Data Structures and Algorithms, Object Oriented Programming in Cpp, Computer Networks, Operating Systems and Database Management Systems  
**Interests:** Physics, Technological advances, Astronomy, Mathematics