

**Name: Rishabh Verma**

**Gender: Male**

**DOB: 04/02/2003**



Dayalbagh Educational Institute  
(Deemed to be University)

Qualifications	Institute	CGPA	Year of Completion
B.Tech. (Mechanical with CS Specialization)	Dayalbagh Educational Institute, Dayalbagh, Agra	7.808/10 (Till 6 <sup>th</sup> Sem)	2024
XII	Saraswati Vidya Mandir, Kamla Nagar, Agra	86.40 %	2019
X	Saraswati Vidya Mandir, Kamla Nagar, Agra	10/10	2017

Experiences
<ul style="list-style-type: none"><li>• <b>Trainee at Cadence Design Systems, Noida</b> 11/04/2023 – 25/08/2023<ul style="list-style-type: none"><li>➤ Added the debug utility to stack trace processes running on remote hosts. This utility reduces the time to debug the design issues without logging into different remote host machines.</li><li>➤ Worked upon various feature enhancements of the software.</li><li>➤ Fixed bugs and did regression analysis of the tool.</li><li>➤ Made regressions based on different software command scenarios.</li><li>➤ Made scripts for automation of various tasks.</li><li>➤ Technologies Used – C/C++, Python, TCL, Linux, Perforce (VCS).</li></ul></li></ul>

Projects
<ul style="list-style-type: none"><li>• <b>To-Do List:</b> To-Do List for task management.</li><li>• <b>Blog:</b> Blogging website to write daily blogs and personal experiences.</li><li>• <b>Pomodoro Clock:</b> A clock to manage study session.</li><li>• <b>Simon Game:</b> An electronic game of short-term memory skill.</li><li>• <b>Dice Game:</b> An interactive dice game for two players.</li><li>• <b>Quotes Generator:</b> A collection of randomly generated Quotes. Made with Quotes Generator API.</li></ul>

Group Projects
<ul style="list-style-type: none"><li>• <b>Hydraulic Ram Pump:</b> An Eco-friendly water pump which can work without external energy source. It minimized the cost of motorized pump and supplies water to higher levels.</li><li>• <b>360° Rotating Fire Protection System:</b> This Fire Protection Robot was designed to help people in any destructive burnt situation where this robot can extinguish burnt areas immediately using an autonomous system.</li></ul>

Certificates & Achievements
<ul style="list-style-type: none"><li>• Participated in <a href="#">Machine Learning Workshop</a> by Google Developer Student Clubs, Dec 2021.</li><li>• Participated in <a href="#">Python and Machine Learning Bootcamp</a> by ED Spread, Sep 2022.</li><li>• Participated in <a href="#">C++ Programming Essentials Bootcamp</a> by LetsUpgrade, Jan 2023.</li><li>• <a href="#">Problem Solving (Basic)</a> by Hacker Rank, Oct 2022.</li><li>• 10<sup>th</sup> rank in college on <a href="#">GeeksforGeeks</a>.</li><li>• 2 stars on <a href="#">CodeChef</a>.</li></ul>

Skills
<ul style="list-style-type: none"><li>• C/C++</li><li>• CSS 3, Bootstrap</li><li>• English Speaking</li><li>• Java</li><li>• JS, ReactJS, NodeJS, ExpressJS</li><li>• Problem Solving</li><li>• HTML 5</li><li>• SQL, MongoDB</li><li>• Team Management</li></ul>

Interests/Hobbies
<ul style="list-style-type: none"><li>• Reading Books</li><li>• Playing Chess</li><li>• Traveling</li><li>• Playing Cricket</li><li>• Yoga</li><li>• Playing Guitar</li></ul>

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