

**DEVANSH RAJ**Course : **B.E. (Hons.)**, Electrical and Electronics Engineering, 2022

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CGPA : 6.74

**ACADEMIC DETAILS**

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	Adarsh Gyan Mandir Sr. Sec. School, Talwandi, Kota	Rajasthan Board of Secondary Education	82.6 %	2018
CLASS X	Good Shepherd Convent Sr. Sec. School	CBSE	9.6 CGPA	2016

<b>Subjects / Electives</b>	Principles of Economics, Signals and Systems, Discrete Mathematics, Computer Programming, Microprocessors and Interfacing, Digital Design, Optimization, Data Structures and Algorithms, Engineering Graphics, Technical Report Writing
<b>Technical Proficiency</b>	C Programming, SQL, Android Studio, Computer Networking, Technical Support, Firebase, Digital Art, HTML + CSS, Flutter, C++ Language, Data Structures, Python

**SUMMER INTERNSHIP / WORK EXPERIENCE**

<b>Data Engineer, HCL Technologies</b>	<b>Jul 2021 - Present</b>
<ul style="list-style-type: none"> <li>Identifying key customer insights based on customer data and creating customer churn prediction model.</li> <li>Forming different Key Performance indicator-&gt; Cleaning + validating + transforming important data -&gt; using data in the Machine Learning model for prediction of Churn customers.</li> <li>Machine learning model accuracy 84.5%, Microsoft Azure as a platform used for data handling processes, data transformation etc.</li> </ul>	
<b>Mobile App Developer, SiteX DigiTech</b>	<b>Jun 2020 - Aug 2020</b>
<ul style="list-style-type: none"> <li>Contributed in developing a mobile e-commerce application using Flutter framework.</li> <li>Used Figma for designing the front-end of the application.</li> <li>Authenticated the application with Firebase for systematic storage of database.</li> </ul>	

**PROJECTS**

<b>Portfolio (Website) - Web Development</b>	<b>May 2021 - Jun 2021</b>
<ul style="list-style-type: none"> <li>Developed a portfolio website as an open source project on GitHub.</li> <li>Used JavaScript, HTML, CSS for development and Github-pages for hosting it online.</li> <li><b>Portfolio Website:</b> <a href="https://devanshraj3000.github.io/port/">devanshraj3000.github.io/port/</a></li> </ul>	
<b>M.L. based Signal processing for Video Quality Enhancement - Machine Learning</b>	<b>Jan 2021 - May 2021</b>
<ul style="list-style-type: none"> <li>Created a Machine learning model to enhance the video quality using SRGANs combined with perceptual loss function.</li> <li>Compared results between the ML model and spatial filtering methods.</li> <li><a href="#">Research Paper</a></li> </ul>	

**POSITION OF RESPONSIBILITY**

<b>Spree PR Coordinator - Department of Publicity and Public Relations.</b>	<b>May 2020 - Jul 2021</b>
<ul style="list-style-type: none"> <li>Spearheading a <b>team of more than 150 people</b> and training them for PR and Publicity of a completely online college fest.</li> <li>Achieved a <b>participation of more than 1000 people</b> all across India for different online events.</li> <li>Managed social handles of the fest and maintained a good public relation.</li> </ul>	

**AWARDS AND RECOGNITIONS**

<b>Gold Badge in SQL on HackerRank   HackerRank</b>	<b>Aug 2021</b>
Learnt about different clauses in SQL and how to make queries as per requirement. <a href="#">HackerRank Profile</a>	
<b>Gold Badge in Python Programming on HackerRank   HackerRank</b>	<b>Aug 2020</b>
Received a Gold badge in Python programming language on HackerRank. <a href="#">HackerRank Profile</a>	
<b>Gold Badge in Problem Solving on HackerRank   HackerRank</b>	<b>Aug 2020</b>
Received a Gold Badge in Problem solving on HackerRank, which covered questions from important D.S.A. topics.	

**COMPETITIONS**

<b>COVID-19 Relief for India Coding Challenge</b>	<b>Jun, 2021</b>
Secured 91st Rank among 1673 total participants. The contest was conducted by HackerRank.	

**LANGUAGES KNOWN**

Hindi, English
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