

# Dikshant Dwivedi

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## Education

<b>BTech - Bennett University, Greater Noida</b> , Computer Science Engineering, <b>8.9 CGPA</b>	<b>2019 - 2023</b>
<b>Class XII - Saint Giri Senior Secondary School, Rohini</b> , Non-medical (PCM-CS-ENG), <b>CBSE Board, 89%</b>	<b>2018 - 2019</b>
<b>Class X - Saint Giri Senior Secondary School, Rohini</b> , <b>CBSE Board, 10.0 CGPA</b>	<b>2016 - 2017</b>

## Professional Experience

<b>Triomics - Frontend SDE intern, Hybrid (React, typescript, styled-components, Material UI)</b>	<b>Jun 2022 - Ongoing</b>
<ul style="list-style-type: none"><li>Developed clean, modular, reusable and responsive UI components with high attention to the guidelines</li><li>Collaborated with backend developers to implement fast and secure front-end architecture</li><li>Worked closely with UI/UX designers to review and design interfaces to provide the best user experience</li></ul>	
<b>GoodLives - Full stack developer intern, Remote (Stack - MERN)</b>	<b>Aug 2021 - Oct 2021</b>
<ul style="list-style-type: none"><li>Modified and integrated existing and new backend APIs for functionalities like forms, admin panels, dashboards, authentication, bookings, email reminders and captcha verification</li><li>Integrated the frontend with the backend and refactored codebase by following best practices</li></ul>	

## Projects

<b>ProShop - <a href="#">Github</a>   <a href="#">Source Code and Demonstration</a> - MERN Stack</b>	<b>Sep 2021 - Dec 2021</b>
<ul style="list-style-type: none"><li>Developed an <b>ECommerce project</b> from Scratch with a <b>database seeder</b></li><li>Implemented <b>redux for handling global states</b> in functionalities such as <b>authentication, shopping cart checkout, product management</b>(serve, review and rating), <b>user profile and admin panel</b>(create, update and delete products and order status)</li><li>Implemented <b>product search</b> using simple regex-based querying, <b>pagination and featured product carousel</b> using react-bootstrap and <b>product image upload</b> using Multer</li><li>Integrated PayPal API to facilitate <b>payment using PayPal, Credit or Debit card</b></li></ul>	
<b>Netflix Clone - <a href="#">Github</a>   <a href="#">Source Code and Demonstration</a> - React, Firebase</b>	<b>Nov 2021 - Jan 2022</b>
<ul style="list-style-type: none"><li>Developed a watered-down clone of <b>Netflix</b>, encompassing a total of four pages - <b>Home, Sign in, Sign up and browse</b></li><li>Utilized the <b>compound components</b> decorative UI design pattern and <b>styled-components</b> library for a robust architecture</li><li>Created <b>custom hooks</b> to facilitate connection with <b>firebase</b> for authentication(<b>firebase auth</b>) and hydrating the application with various genres of films and series uploaded as samples(<b>firestore</b>)</li><li>Implemented <b>live search of items using fuse.js</b> where each slide item contains the description of the content along with the maturity level and a player that plays a sample video on the overlay</li></ul>	
<b>Waddle - <a href="#">YouTube</a>   <a href="#">Demonstration</a> - MERN Stack, Socket.io</b>	<b>Aug 2020 - Nov 2020</b>
<ul style="list-style-type: none"><li>Developed an effective solution to tackle procrastination that takes the Pomodoro technique to the next level by introducing room collaboration and shared Pomodoro sessions with a smart timer</li><li>Comes with a responsive to-do list and an admin moderated chatbox</li></ul>	
<b>Research: Determining Stock Direction - <a href="#">Github</a>   <a href="#">Report and Code</a> - Python, OpenCV, Numpy, Pandas</b>	<b>Aug 2021 - Nov 2021</b>
<ul style="list-style-type: none"><li>Collaborated in a team of 3 to conduct <b>research</b> on the topic, "<b>Determining stock price direction by using CNN on 1-D time series data encoded as 2-D Images</b>"</li></ul>	

## Certifications

Microsoft Certified for <b>Azure Administrator Associate</b> , Azure Fundamentals, Azure AI fundamentals, Data Fundamentals	<b>2020-2021</b>
Coursera Certified for Mathematics For Machine Learning: Multivariable Calculus, Linear Algebra, <b>Neural Networks And Deep Learning, Improving Deep Neural Networks: Hyperparameter Tuning, Regularization And Optimization</b>	<b>2020</b>
Cisco certified for <b>CCNAv7: Introduction to Networks</b> , Introduction of Cyber Security	<b>2020-2021</b>
Udemy certified for The web developer bootcamp 2022 by Colt Steele(64hrs) and <b>Node.js, Express, MongoDB &amp; More: The Complete Bootcamp 2022</b> by Jonas Schmedtmann(42hrs)	<b>2021-2022</b>

## Key Skills

<b>Programming Languages</b> - C++, Java, Python, Javascript, <b>Database</b> - MySQL, MongoDB
<b>CS Fundamentals</b> - Data Structures and Algorithms, Computer Networks, Operating System, Object-oriented Programming
<b>Tools, Frameworks and Libraries</b> - MERN stack, HTML, CSS, Bootstrap, Redux, OpenCV, NumPy, Pandas, Native Android Development using Java, Github, VsCode, Heroku, MySql workbench
<b>Artificial Intelligence/Machine Learning</b> - Learnt and practiced a variety of supervised and unsupervised ML algorithms