

MANU ARORA

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OVERVIEW

Inquisitive, energetic **Computer Science Undergraduate** skilled in leadership with a strong foundation in JavaScript, Problem Solving, Algorithms, Data Structures, Object Oriented Programming and core computer science subjects. The aim is to Research and build solutions and products that impact millions of lives.

PROFESSIONAL SKILLS AND INTERESTS

- JavaScript
- Full-stack Development (MERN stack)
- Front-end Development (HTML/CSS/Bootstrap)
- Web Development
- Data Structures and Algorithms
- Problem Solving

EDUCATION

Bachelor of Technology (B. Tech) in Computer Science and Engineering

- **College:** University of Petroleum and Energy Studies, Dehradun.
- **Specialization:** Open Source Software and Open Standards
- **GPA:** 7.0

RELEVANT PROJECTS

[Brocode – Real Time Collaborative Text Editor](#) - NodeJS

- A real-time collaborative text editor with real-time video call and chat messaging. Built with Node, Peer.js and socket programming.

[FaceDetect – Face Detection Web App](#) - ReactJS

- Web application to detect faces upon entering the URL of an Image. Built with Clarifai API and React framework.

[Geet – A Music Streaming Web Application](#) - PHP

- A music streaming platform like Spotify. Features like create a playlist, CRUD, play-pause-repeat and login auth.

[Skyline – A Hotel Renting Web Application](#) – Ruby on Rails

- A web application like Airbnb to rent out room on hourly basis. Filters like home search, nearby rooms, availability calendar and upload space.

[JavaScript Gallery – 20 Mini Projects](#) – Vanilla JavaScript

- A gallery with 20 JavaScript mini Projects built with Vanilla Js.

[SpeedTyper – Test your typing speed](#) - JavaScript

- A project to calculate WPM, CPM and average typing speed.

[Type – Live Coding Resume](#) - JavaScript

- A live customizable coding experience built with JavaScript to develop my resume on the go.

WORK EXPERIENCE

INTEL CORPORATION

June 2018 – Aug 2018

Machine Learning Intern

- Built an AI-powered project from scratch which detects potholes on a road.
- Used optimized algorithms to accurately detect potholes on highways which further alerts the driver.

ACETERNITY

Dec 2017 – Dec 2018

Developer

- Built a Website Development and Digital marketing company Aceternity from scratch as a weekend project, deployed 10 websites and generated a revenue of Rs. 1,00,000 in the first month of release.
- Setup analytics and reports for clients regarding website performance and optimizations. Responsive design using Bootstrap and strong front-end visuals.

FREELANCING

Mar 2017 – Nov 2017

Freelance Web Developer

- Developed websites for clients via Upwork and offline marketing. Increased efficiency of websites and decreased load time by an average of 40% with the help of optimizing techniques and SEO.
- Developed responsive websites along with modern frameworks such as React.js and Node.js

OTHER RELEVANT INFORMATION

Languages: JavaScript (Intermediate), C (Intermediate), PHP (Intermediate) and C++ (Intermediate).

Frameworks and Tools: React.js (Intermediate), Node.js (Intermediate), HTML5/CSS3, jQuery, Bootstrap 4, MySQL (Intermediate), MongoDB (Beginner) Git and GitHub Version Control.

Strongest Areas: Data Structures, Algorithms and Algorithm Design, Problem Solving Techniques, Vanilla JavaScript and Full Stack Web Application Development.

STUDENT LIFE & VOLUNTEERISM

E-Cell, UPES – Event Head: Organized a workshop conducted by Mr Rahul Bhatnagar “We Are Entrepreneurs” held at UPES Dehradun with a total of 120 people attending the workshop for 14 straight hours. (2018)

E-Cell UPES – Organizer: Organized Global Entrepreneurship Week in UPES Dehradun. (2018)

Women Welfare Society – Web Developer: Developed and deployed websites for WWS.