MANU ARORA

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SUMMARY

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 build solutions and products that impact millions of lives.

PROFESSIONAL SKILLS AND INTERESTS

- Full-stack Development (MERN, MEAN stack)
- Front-end Development (HTML/CSS/Bootstrap)
- Core Programming Languages (C, C++, Java)
- Data Structures, Algorithms and Problem Solving

EDUCATION

- 70.0%, University of Petroleum and Energy Studies, Dehradun – B. Tech   2015-2019
- 93.6%, Delhi Public School, Jaipur – Intermediate   2013-2014
- 85.5%, Delhi Public School, Jaipur – SSC   2011-2012

RELEVANT PROJECTS

Trippers – Real world tours   Node JS
- An extensive, completely secure server-side rendered full-stack application to book tours including stripe payments, Image uploads, Authentication using express, pug and node packages.

Brocode – Real Time Collaborative Text Editor   Node JS
- 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   React JS
- 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.

GitHub Finder   React JS
- A ReactJS based application to find GitHub users using the GitHub API. Deployed on Netlify, built using React, React router and the context API.

Trellock – Create Boards   Angular 9
- An Angular 9 based Trello like progressive web application (PWA) to create boards, drag and drop, update and delete. Deployed on Firebase, built using Angular Material, Backend on Firebase.

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

Emend – Text Editor   C/C++
- A lightweight VIM like text editor for Linux platform which supports Syntax Highlighting, Cut-copy-paste, Undo-Redo and shell support.

WORK EXPERIENCE

COMPANY NAME: 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.

COMPANY NAME: ACETERNITY   Dec 2017 – Dec 2018
Developer
• Single-handedly built a Website Development company 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, C, PHP, C++ and web development languages.
• **Frameworks and Tools:** React JS, Node JS, HTML5/CSS3, jQuery, Bootstrap 4, MySQL, MongoDB, Git and GitHub.
• **Strongest Areas:** Data Structures, Algorithms and Algorithm Design, Problem Solving Techniques, Vanilla JavaScript and Full Stack Web Development.

ACHIEVEMENTS & VOLUNTEERISM

• **Cleared GATE CSE 2020 Examination**.   2020
• **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.   2017

CERTIFICATIONS

• **FreeCodeCamp:** Responsive Web Design and Development certification.   2019
• **FreeCodeCamp:** Data Structures and Algorithms certification.   2019
• **Udemy:** Full Stack Web Developer certification.   2018

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