ADITYA RANA

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CURRICULUM VITAE

PERSONAL PROJECTS

Ecommerce Project
» Created a front-end project using HTML, CSS and JavaScript
» Created a responsive and dynamic website using media query which can be viewed in desktop, tablets and mobile phones

To-Do List
» Used React.js for building the interactive user interface, Node.js and Express.js for handling server-side logic and API endpoints, and MongoDB for storing user data and task information.
» Users can create, update, and delete lists to organize their tasks. Also, the application is fully responsive, ensuring a seamless experience across various devices and screen sizes.

Portfolio Websites
» Created a single page and a multiple page portfolio website using HTML, CSS and JavaScript
» Currently working on implementing functionality to the contact form on my multi-page portfolio website using Node.js and Express.js and utilizing Mailchimp API to establish communication between the user and myself
» Created a toggle theme function in JavaScript to switch between light and dark mode as per user's preference in my single page website
» Both of my portfolio websites are responsive and dynamic

SKILL SET

» React	» MongoDB	» HTML	» CSS	» JavaScript	» SASS
» Bootstrap 5	» Git	» Node.js	» Express.js	» MySQL	» Python (Basic)

PUBLICATIONS

Graphitic carbon nitride as an Amplification Platform on an Electrochemical Paper-Based Device for the Detection of Norovirus specific DNA. *Sensors 2020, 20(7), 2070*

EDUCATION

07/2014-05/2019   **B.Tech.+M.Tech. (Nanotechnology)-Dual Degree**, Amity Institute of Nanotechnology, Amity University Uttar Pradesh, India - **CGPA: 8.68**

RESEARCH WORK

» KTH Royal Institute of technology, Sweden	2019
» Centre for Fire, Explosive and Environment Safety, DRDO, India	2018
» Amity Institute of Nanotechnology	2017-2019
» Department of Pathology, AIIMS, India	2016

EXTRA-CURRICULAR ACTIVITIES

» Member of IET (The Institution of Engineering and Technology)
» President of Drama Club, Amity Institute of Nanotechnology, AUUP
» Volunteered to teach Computer and General Science at "UMEED - A DROP OF HOPE"
» Part of football and hockey team of Amity Institute of Nanotechnology