

CURRICULUM VITAE

PERSONAL PROJECTS

Stack Overflow Clone

- » Users can post questions, receive answers, and engage in discussions on a wide range of technical subjects. Much like the original, my clone has implemented upvoting and downvoting systems to rank the quality of content, ensuring the most helpful information remains visible.
- » Provided an engaging user experience using React for the frontend, and employed Node.js and Express.js for server-side operations, along with MongoDB for efficient data storage and retrieval.
- » User authentication and authorization were managed through JSON Web Tokens (JWT).

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

Portfolio Websites

- » Created a single page and a multiple page portfolio website using HTML, CSS and JavaScript
- » 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

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|---------------|-----------|-----------|--------------|--------------|------------------|
| » 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

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| » 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