

Poonam Singh

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Education

University Institute of Engineering and Technology, Kanpur

May 2020 - May 2024

Bachelor of Technology - Computer Science and Technology

Experience

Sparks Foundation

Dec 2022 - May 2023

Software Developer and Designer Intern

Remote

- Enhanced the security of the user data by implementing password encryption using bcrypt.js.
- Played a key role in database design, API documentation and requirement gathering from clients.
- Mentored and led a team of 4 members in a project.
- Tech: HTML | CSS | JavaScript | Node.js | Express | MongoDB

Projects

Cal-Tax

April 2024

A website to calculate income tax

HTML, CSS, JavaScript, Bootstrap

- Reduced paperwork for calculating direct tax over the income.
- Orchestrated various front-end features like user input, modal, responsiveness etc.
- Implemented client-side form validation with JavaScript to ensure accurate and secure user input

Tindog

June 2023

A social network for dog owners.

HTML, CSS, JavaScript, Bootstrap, Node.js, Express, MongoDB

- Implemented user authentication and registration functionalities, using token based authentication system.
- Enhanced user data security by encrypting passwords with bcrypt.js.
- Implemented a robust backend with Node.js and Express, creating RESTful API endpoints for CRUD operations.
- Developed various frontend functionalities like carousel, navigation, responsiveness etc

Drums Arena

July 2022

A simulator game to play and learn drums

HTML, CSS, JavaScript, JQuery

- Designed and developed a drum simulator game.
- Implemented event handling in JavaScript to capture user input and trigger corresponding drum sounds.
- Implemented responsive design principles to ensure compatibility across various devices and screen sizes.

Achievements

- ICPC'21 Regionalist. [Certificate]
- Secured 1st place in ICPC in college.
- Complete Web Development bootcamp on udemy. [Certificate]
- Participate in SnackDown 2021. [Certificate]
- Complete Barclays LifeSkills Programme conducted by GTT Foundation. [Certificate]
- Solved algorithmic problems on Platform [CODINGNINJA](#), [CODECHEF](#), [CODEFORCE](#), [HACKER RANK](#), [GFG](#), [LEETCODE](#).

Leadership and Volunteering

Evolution Coding Club

May 2021 - May 2022

- Mentored 1st-year students in DSA and Development and Processing while providing input for lesson plans and project ideas.

Safecity Safety Champion

June 2021 - July 2021

- During my volunteering, I engaged with 30 to 40 people, listened to their experiences, encouraged them to take action, and advised them on safety precautions.

Skills

Languages: C++, JAVA, HTML, CSS, JavaScript

Technologies & Tools: Git, Github, VsCode, Atom

Frameworks: Express, Node.js, MongoDB, MySQL