

PROFESSIONAL EXPERIENCE

Tathastu DSA Scholar Intern | Twowaits Technologies Pvt. Ltd.

| November 2022

- Transformed theory into action by implemented and optimized various algorithms, tackling real-world problems head-on.
- Boosted Inventory Management Efficiency of a inventory system by implementing min-heap. This resulted in a 20-25% improvement in search speed for frequently accessed items, enhancing user experience for daily store operations.
- Utilized arrays, linked lists, and trees in diverse practical scenarios to craft software solutions.
- Understand OOP principles, continuous integration with automation software testing and Agile development Methodology for efficient software development.

PROJECTS

E-commerce Website Development

(In Development)

- Design a responsive e-commerce website using HTML, CSS, and React, aiming to increase user engagement.
- Implemented backend functionalities with MongoDB and Node.js for secure user authentication and data management.
- Integrated dynamic product catalogs, shopping cart, and checkout processes for a smooth buying experience.
- Collaborated with teams to ensure project milestones aligned with business goals.
- Technologies: HTML, CSS, JavaScript (React), MongoDB, Node.js

Daily News Website

(September 2023 - November 2023)

- Designed a dynamic news website, curating top headlines across diverse categories like Business, Entertainment, Technology, Sports, Science, and Health.
- Engineered essential features including pagination for seamless article navigation and crafted a responsive user interface for optimal viewing across devices.
- Leveraged React.js framework to architect interactive frontend components, employing React Router for streamlined navigation management.
- Integrated external APIs, notably the News API, resulting in a 45% expansion of news sources available on the platform and a 60% enhancement in real-time data accuracy.
- Technologies Used: React.js, React Router, CSS, News API.

Budget Management Web Application

(May 2023 - July 2023)

- Design a user-friendly web application to track budgets and manage expenses.
- Implemented features including services like budget display, expense addition/editing/deletion, and print functionality.
- Utilized HTML/CSS for frontend structure and styling, JavaScript for interactivity, and Font Awesome for visual elements.
- Aimed to promote financial awareness and accountability, facilitating better management practices.
- Technologies: HTML, CSS, JavaScript, Font Awesome ( [Project link](#) )

SKILLS

<div>Programming Languages:</div> <ul style="list-style-type: none"><li>C++</li><li>Python</li><li>JavaScript</li><li>React</li><li>Node.js(Express.js)</li></ul>	<div>Web Development:</div> <ul style="list-style-type: none"><li>HTML</li><li>CSS</li><li>Bootstrap</li></ul>	<div>Databases:</div> <ul style="list-style-type: none"><li>MongoDB</li><li>SQL</li></ul>	<div>Soft kills</div> <ul style="list-style-type: none"><li>Communication</li><li>Problem Solving</li><li>Leadership</li><li>Innovation</li><li>Decision making</li></ul>	<div>Others:</div> <ul style="list-style-type: none"><li>Git</li><li>Microsoft Excel</li><li>Conceptual knowledge of Software development life cycle (SDLC)</li><li>Debugging and Coding</li></ul>
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EDUCATION

B.Tech (CSE) | Hindustan College of Science and Technology, Mathura

(2019-2023) | 66%

12<sup>th</sup> (CBSE) | St. Andrews Public School , Agra

(2019) | 61.5%

CERTIFICATES

HackerRank Software Engineering Intern(Exam)

| February 2024