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SHIVANSH AWASTHI

ASSOCIATE SOFTWARE DEVELOPER

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Portfolio

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

Programming Languages:	Web Development:	Databases:	Soft kills	Others:
• C++ • Python • JavaScript • React • Node.js(Express.js)	• HTML • CSS • Bootstrap	• MongoDB • SQL	• Communication • Problem Solving • Leadership • Innovation • Decision making	• Git • Microsoft Excel • Conceptual knowledge of Software development life cycle (SDLC) • Debugging and Coding

EDUCATION

B.Tech (CSE) | Hindustan College of Science and Technology, Mathura   **(2019-2023) | 66%**

12th (CBSE) | St. Andrews Public School , Agra   **(2019) | 61.5%**