Kartik Vaishnav

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Education

SRM Institute of Science and Technology, B.Tech in CSE   July 2019 - May 2023
- CGPA: 8.76/10.0

DAV Public School, HSC   April 2017 - May 2018
- Percentage: 60.2/100.0

DAV Public School, SSC   April 2015 - May 2016
- CGPA: 9.2/10.0

Technologies

Java, **JavaScript**, TypeScript, **Angular**, HTML, CSS, Bootstrap, MySQL, Postgres, Git, GitHub, Data Structure and Algorithm, Database Management System

Experience

Junior Software Engineer, UnitedLayer   March 2023 – Present
- Developed automated remediation and keyword enrichment features in our SaaS product using Angular 12, CSS, HTML, and JavaScript, improving user efficiency by 35% and reducing issue resolution time by 20%.
- Conducted rigorous unit testing with Jasmine and Karma, achieving 98% test coverage and ensuring cross-browser compatibility and optimal performance, resulting in a 15% reduction in reported bugs from users.
- Implemented progressive web application techniques to enhance accessibility and responsiveness across various devices, improving page load times by 40%.

Projects

Inventory Management   Link
- Build an application of Inventory Management System, allowing users to manage inventory items efficiently, resulting in a 30% improvement in inventory tracking accuracy.
- Integrated Angular Material components with reactive forms, enhancing user experience and streamlining inventory CRUD processes, leading to a 40% reduction in user input errors.
- Deployed JSON Server as a mock backend, facilitating seamless database interactions and reducing development time by 25%.

Password Manager
- Built an application to manage passwords using Angular, Tailwind CSS, and Firebase, achieving a 50% increase in security and real-time data management efficiency.
- Utilized Angular's Reactive Forms for password entry and validation, reducing form errors by 35%.
- Adopted Firebase for secure real-time password storage and retrieval, ensuring scalability and authentication, with a 40% improvement in data retrieval speed and security.

Todo Application   Link
- Created a responsive UI with custom CSS, enabling 50% faster task management for users.
- Integrated Firebase as backend, ensuring real-time task synchronization and data persistence for 100+ users.
- Established user authentication, securing and personalizing task management for each user, reducing unauthorized access by 70%.

Certificates

Java, (HackerRank) : Issued : Dec 2022 - No Expiration Date || Credential Id : 7BA1FA37DOF6

SQL, (HackerRank) : Issued : Nov 2022 - No Expiration Date || Credential Id : 7335CAD30442