Kanishk Shedsale

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OVERVIEW

A result-driven and highly skilled Professional Full Stack Developer with expertise in building robust and scalable web applications. Proficient in React, SASS, Node.js, Express, and various databases including MongoDB, MySQL, and Postgres. Adept at utilizing AWS services such as S3, EC2, and SQS to deploy and manage applications. Experienced in containerization using Docker and version control with Git. Comfortable working in Linux environments and passionate about delivering high-quality software solutions.

- Experience developing and documenting code for reliable, maintainable, and scalable web applications that run in the cloud.
- Excellent understanding of algorithms, data structures, performance optimization techniques.
- Ability to investigate and debug problems if/when they occur across multiple code bases.
- Start-up-comfort: Experience wearing many hats in a fast-paced environment, willing and eager to learn and design new technologies, flexible in approach.
- Structured thinker, effective communicator with the ability to contribute to design dialogues as well as initiate questions to achieve clarity when needed.
- Experience in gathering business requirements and communicating with stakeholders and management.
- Experience collaborating with cross-functional teams from Design to Development.
- Experience actively participating in every stage of Software Development Life Cycle and Agile methodologies.

SKILLS

- **Frontend:** JavaScript (ES6), React, HTML5, CSS3, SASS/SCSS
- **Backend:** Node.js, Express, Python, Java
- **Databases**: MongoDB, MySQL, PostgreSQL
- **Cloud Services:** AWS S3, EC2, SQS
- **DevOps:** Docker, Git, Linux
- **Strong Problem-Solving Abilities**
- **Agile Methodologies**
- **Collaborative Teamwork**
- **Technical Documentation**
- **Debugging and Troubleshooting**

EXPERIENCE

Full Stack Developer | NJIT | Newark, New Jersey | **Nov. 2021 - Present**

- Collaborated closely with the development team to conceptualize, design, and refine web applications using React, Node.js, Express, and MongoDB.
- Played a key role in developing full stack applications by implementing frontend components using React, building RESTful APIs with Node.js and Express, and integrating MongoDB databases for data storage.
- Conducted thorough testing of features, identifying, and addressing any bugs or issues to deliver high-quality software to users.
- Utilized MongoDB to design and implement database schemas, ensuring efficient data storage and retrieval for the applications.
- Employed indexing and query optimization techniques to enhance database performance and responsiveness.
- Helped troubleshoot and resolve issues that arose during the development process, utilizing debugging skills and diagnostic tools to identify and rectify errors in the codebase.
- Conducted code reviews, evaluating team members' code for adherence to coding standards, functionality, and overall quality.
- Contributed to the deployment process of applications using tools like Docker, ensuring smooth transitions from development to production environments.
- Collaborated with DevOps teams to address any deployment-related issues and optimize application performance.
- Delivered internal presentations and workshops to share knowledge and insights on specific technology topics, contributing to the team's collective expertise.
- Assisted in managing project documentation, tracking progress, and maintaining an organized repository of resources to facilitate efficient project management.

Frontend Developer, Vidushi Infotech SSP   Oct. 2019 – Aug. 2021

- Developed and maintained robust, scalable, and user-friendly web applications for both in-house projects and client websites, using React for frontend components and SASS for styling.
- Utilized best practices and coding standards to write clean, efficient, and documented code that met project requirements and design specifications.
- Debugged and resolved complex technical issues, ensuring optimal application performance and functionality.
- Worked closely with multidisciplinary teams, including designers and technical experts, in a fast-paced startup environment to bring innovative web projects to life.
- Participated actively in cross-functional meetings, sharing progress updates, and seeking feedback to align development efforts with project goals.
- Embraced an agile development approach, participating in daily scrums to provide updates on progress, identify potential roadblocks, and adjust tasks as needed to meet sprint objectives.
- Collaborated with product owners and stakeholders to refine user stories and ensure clear understanding of project requirements and priorities.
- Conducted thorough testing of websites across various browsers and devices to ensure consistent user experience and cross-browser compatibility.
- Employed responsive design principles and media queries to create layouts that seamlessly adjusted to different screen sizes, contributing to an enhanced user experience.
- Collaborated with quality assurance teams to perform thorough testing, ensuring high-quality, bug-free deliverables that met project specifications and user expectations.
- Created and maintained detailed technical documentation, including code comments and user guides, to facilitate seamless onboarding of new team members and ensure effective project maintenance.
- Actively participated in professional development opportunities, attending workshops, webinars, and conferences to enhance skills and stay at the forefront of the field.

PERSONAL PROJECTS:

1. **LinkedIn Clone (https://github.com/kanishk44/linkedin-clone):**
   - Developed a fully functional LinkedIn clone using React.
   - Implemented user authentication using Firebase for secure login and registration.
   - Created features for profile management including profile picture, posts, connections, and search functionality.
   - Enabled interaction features such as liking, commenting, and updating posts.
   - Technologies Used: React, Firebase
2. **Portfolio (https://www.kanishkcodes.co/):**
   - Designed and built a personal portfolio website using Next.js and Tailwind CSS.
   - Utilized Vercel for seamless deployment and hosting of the portfolio.
   - Showcased projects, skills, and contact information in an aesthetically pleasing and responsive layout.
   - Technologies Used: Next.js, Tailwind CSS, Vercel
3. **ChatGPT – Clone (https://github.com/kanishk44/ChatGPT-React):**
   - Developed a clone of the ChatGPT AI chatbot using React.
   - Utilized the OpenAI API to generate responses to user messages on various topics.
   - Implemented features for Q&A, grammar correction, and bug fixing, enhancing user engagement and interaction.
   - Technologies Used: React, OpenAI API
4. **Sorting Visualizer (https://github.com/kanishk44/sorting-visualizer):**
   - Created an interactive sorting algorithm visualizer to aid in understanding popular sorting methods.
   - Implemented visual representations of sorting algorithms like bubble sort, merge sort, and quicksort.
   - Provided real-time updates on comparisons, swaps, and execution time for educational purposes.
   - Built a responsive and user-friendly interface using React and Styled Components.
   - Technologies Used: React, Styled Components

EDUCATION

Master of Science in Computer Science
New Jersey Institute of Technology, Newark, New Jersey   May 2023

Software Design & Production Methodology |Cloud Computing | Web Systems Development | Data Management & System Design | Cryptography & Security | Security & Privacy in Computer Systems| Operating Systems Design | Data Structures & Algorithms | Internet & Higher Layer Protocols | Information System Principles

Bachelor of Technology in Information Technology
DKTE Textile and Engineering Institute, Kolhapur, India   Sep. 2020