Bhavya Ashok Kallur

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SUMMARY

- Experienced full-stack web developer with strong skills in building and designing web applications, eager to contribute to and learn from teams that create high-quality applications using the best practices.
- Solid understanding of designing user-friendly interfaces, writing clean, reusable code, debugging, problem-solving, responsive design, website optimization, cloud platforms (AWS), and the Model-View-Controller (MVC) framework.

EDUCATION

Master of Science in Information Technology   **01/ 2022 – 12/2023**

- University of Texas at Dallas, Dallas, TX, USA.

Bachelor of Engineering in Computer Science & Engineering   **08/ 2016 – 08/2020**

- Visvesvaraya Technological University, Bangalore, KA, IN.

SKILLS

- **Languages:** Java, JavaScript, Python.
- **Front-end:** React, Redux, JS ES6, Selenium, Webpack, HTML, CSS, jQuery, SASS.
- **Database:** Oracle SQL, PL/SQL, MySQL, Non-Relational (MongoDB), Apache.
- **Operating Systems:** Windows, Linux, Unix.

- **Back-end:** NodeJS, Firebase, Spring Boot, PHP.
- **Tools:** Visual Studio, Git, AWS, Azure, MS SQL Server, Jira, Google Analytics, Figma, WordPress, MS Office, Durpal, SiteImprove.
- **Soft Skills:** Problem-Solving, Adaptability, Communication, Time Management, Team Player.

EXPERIENCE

Rebecca Everlene Trust Company, Chicago, IL, USA.   **03/2024 – present**
Web Developer [ReactJS | NodeJS | ASW | Firebase | UI/UX]

- Designed and developed the front-end of the web application using React.js, which contributed to a 20% increase in user engagement.
- Built and integrated back-end services with Node.js and Express.js, significantly improving order processing speed.
- Implemented MongoDB for secure and scalable data storage, resulting in reduced data retrieval times.
- Collaborated closely with UI designers and developers to define product vision, user personas, and the user experience journey, leading to a 15% improvement in user satisfaction scores.
- Supported cross-functional teams in troubleshooting issues for smooth project delivery.

University of Texas at Dallas, Dallas, TX, USA.   **09/2022 – 12/2023**
Student Assistant [Java | HTML5 | CSS3 | JavaScript | Microsoft SQL Server | MongoDB]

- Created interactive features on the university website the automatically updated with the recent events, reducing information search time, and enhancing user experience for student and staff.
- Collaborated with teams to enhance website functionality, boosting user satisfaction by 30%.
- Seamlessly integrated front-end technologies (HTML5, CSS3, JavaScript) with MongoDB, improving website performance metrics by 50%, including faster page load times and more efficient data retrieval.
- Introduced design enhancement that increased user engagement by ~20%, making the website more attractive and user friendly. - *website*

Silfra Technologies Pvt Ltd, Bangalore, India.   **08/2020 – 11/2021**
Full Stack Developer [JavaScript | HTML5 | CSS3 | Java | UI/UX | Agile | CI/CD pipeline | Spring | SQL]

- Developed and maintained responsive full-stack web applications using JavaScript, HTML5, and CSS3, resulting in a 20% increase in user engagement through user-friendly designs aligned with UI/UX best practices.
- Designed and implemented critical application features from concept to execution, utilizing the Spring Framework along with Java and SQL for enhanced back-end functionality, improving data retrieval speed by 25%.
- Collaborated in an Agile environment to quickly iterate on features and improvements, reducing the average development cycle time by 15%.
- Integrated a CI/CD pipeline with Jenkins to automate testing and deployment processes, ensuring high-quality software delivery and reducing deployment time by 30%.
- Improved application efficiency by optimizing performance and responsiveness through effective SQL data management.

Cisco, Bangalore, India.   **06/2019 – 08/2019**
Web Developer Intern [JavaScript | HTML5 | CSS3 | Java | UI/UX]

- Assisted in the development and design of responsive web applications using JavaScript, and React.js, improving site performance by 20%.
- Implemented interactive UI components, ensuring cross-browser compatibility and mobile responsiveness.
- Optimized front-end performance, reducing page load times by 30% through code refactoring and efficient use of resources.
- Actively worked with the design team to create user-friendly interfaces that align with the company's branding.

PROJECTS

Blogging Website | React, Node.js, Express.js, MongoDB, Firebase, AWS
- Developed a modern responsive blog platform with features including a dynamic admin editor, Google authentication, user profiles, blog analytics, interactive comments, notifications, and mobile responsiveness with fade-in animations. - *https://newsupdateworld.netlify.app/*

Design and Development of a Framework for Human Behavioral Analysis | Python, ML
- Developed a comprehensive framework for real-time human behavioral and safety assessment using python, ML, and sensor data, incorporating the Haar cascade algorithm for face recognition and drowsiness detection to enhance vehicle safety. - *github*

Netflix Clone | JavaScript, React, Node.js, Express.js, MongoDB, Tailwind
- Developed a responsive Netflix clone a streaming platform with features including a dynamic movie catalog, user authentication via JWT, search functionality, real-time recommendations, and mobile responsiveness with smooth transitions. - *https://mern-netflix-clone-6nu1.onrender.com/*

Admin Dashboard | React, Tailwind, Framer Motion, Recharts
- Developed a responsive admin dashboard that offers comprehensive features for tracking sales, managing users, monitoring products, and visualizing data through analytical charts, enhancing overall operational efficiency. - *https://dashboard455.netlify.app/*

AWARDS AND CERTIFICATIONS

- AWS Cloud Practitioner certification
- Google UX Design Certification
- Web Development Boot Camp
- Google Project Management