

Prashanth Dussa

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Portfolio: <https://prashanthdussa.netlify.app>

PROFESSIONAL SUMMARY

Software engineer with 3 years of experience in **React**, **Angular**, **Next.js**, **SQL**, **Spring Boot**, and **JavaScript**, specializing in full-stack development and delivering high-quality web applications.

SKILLS SUMMARY

Languages	JAVA, Python, C/C++ , JavaScript, Typescript, HTML, CSS, SQL, Shell Scripting
Frameworks	React, Angular, Node.js, Django, Next.js, Spring, REST web services; MySQL, OracleSQL, PostgreSQL, MongoDB, JQuery
Tools	AWS EC2, S3, EBS, IAM, Lambda, Postman, GIT, Firebase, GitHub, Android Studio, Maven, MVC, Linux/Unix
Certifications	Linux Shell Scripting: Udemy, Perl5: Udemy, MySQL and Database Design: Udemy, React: Scrimba, Springboot: Udemy

PROFESSIONAL EXPERIENCE

Vcloud Global

June 2023 - May 2024

Full Stack Developer

Frisco, TX, USA

- * Developed and maintained user-facing features using **React**, HTML, CSS, and JavaScript, improving performance for 1,000+ users.
- * Designed reusable UI components and backend logic in **Node.js** and **SQL**, reducing data handling issues by 30% effectively.
- * Created styles and layouts using **CSS**, **SASS**, and integrated **SQL** queries, improving both visual appeal and database interactions.
- * Conducted debugging and troubleshooting using Chrome DevTools to resolve 90% of issues, ensuring minimal end-user disruption.
- * Prioritized and resolved **UI/UX** issues, minimizing user friction and ensuring smooth interactions through effective problem-solving.
- * Collaborated with backend developers to integrate **APIs**, ensuring data exchange and functionality, cutting integration time by 40%.
- * Integrated continuous integration processes with tools like GitHub Actions, automating and streamlining development and deployment.
- * Enhanced UI features, contributing to overall robustness and user satisfaction with continuous improvements and iterative design.

eClerx Services Limited

June 2021 - June 2022

Senior Analyst

Pune, India

- * Developed frontend components and services using **React** and **Next.js** for client projects, enhancing user interface responsiveness and maintainability and efficiently supporting complex business requirements and functionalities.
- * Integrated third-party services and **APIs** using REST in React applications, extending functionality, improving interoperability, and reducing overall development time by 30%, ensuring seamless data exchange and improved performance.
- * Performed comprehensive performance optimization and load testing using **Lighthouse** and **WebPageTest**, identifying and addressing bottlenecks, optimizing resource utilization, and ensuring applications could handle high user traffic efficiently by 50%.
- * Participated actively in **Agile** development processes, including sprint planning, daily stand-ups, and retrospective meetings, ensuring timely project delivery, fostering effective cross-team collaboration, and continuously improving development workflows and practices.
- * Developed sophisticated user interfaces in React/Next.js leveraging the latest features, enhancing application functionality, performance, and scalability while adhering to modern software development best practices and standards.
- * Crafted robust and efficient frontend components using core JavaScript concepts such as **ES6+**, **Promises**, **Async/Await**, and **Event Handling**, ensuring reliable and maintainable solutions for various application needs.

Fresh Prints

May 2020 - May 2021

Full Stack Developer

Hyderabad, India

- * Spearheaded the development of responsive and interactive user interfaces using **Angular**, improving user experience and navigation across multiple devices and browsers by 30%, while adhering to modern design principles and accessibility standards.
- * Collaborated closely with backend developers to integrate frontend components with **Spring Boot** RESTful APIs, increasing data exchange efficiency and application functionality by 40%, while ensuring compatibility with industry best practices and standards.
- * Implemented robust authentication and authorization mechanisms using **JSON Web Tokens (JWT)** and Spring Security, ensuring secure access to sensitive data and resources while providing a seamless and user-friendly login and authentication experience for end users.
- * Conducted thorough testing and debugging of both frontend and backend components, resolving critical issues and improving application stability and reliability by 35% throughout the development lifecycle, while employing **agile** methodologies.

PROJECTS

Credit Card Default Prediction | Statistical Machine Learning

April 2024

- * Led the conceptualization and implementation of predictive models aimed at mitigating credit card defaults, employing a diverse range of machine learning methodologies including Logistic Regression, K-Nearest Neighbors, and Deep Neural Networks.
- * Orchestrated the application of sophisticated feature selection, preprocessing, and under-sampling techniques, meticulously refining model performance metrics. Notably, Logistic Regression yielded a remarkable accuracy rate of 91% and an F1 score of 0.6296.
- * Executed comprehensive feature selection and preprocessing strategies, focusing on critical factors such as payment details, credit availability, and demographic attributes which contributed to the refinement of model efficiency and accuracy.

Home Rentals | Web Development

August 2019

- * Developed a highly functional website for tenants, revolutionizing the house search process and simplifying owner registrations.
- * Enhanced front-end architecture utilizing a combination of HTML, CSS, JavaScript, and jQuery to deliver a seamless user experience.
- * Spearheaded the development of a cutting-edge back-end architecture using Node.js and MongoDB, enabling streamlined data storage and retrieval, resulting in a 30% reduction in server processing time and revitalizing overall system performance

EDUCATION

Arizona State University, Ira A. Fulton Schools of Engineering

May 2024

Master of Science in Computer Science

GPA: 3.87

DR BR Ambedkar National Institute of Technology Jalandhar, India

May 2021

Bachelor of Technology in Computer Science

GPA: 3.5