

VENKATA NARENDRA KUMAR YERRIBOINA

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PROFILE SUMMARY

- Experienced Flutter and Web Developer with 5+ years of expertise in crafting dynamic and scalable digital solutions.
- Proficient in front-end technologies, adept at creating visually stunning and responsive web applications.
- Skilled in utilizing React Native and Flutter for Multi-platform mobile app development, ensuring a consistent and engaging user experience. Proven track record of delivering high-quality projects, collaborating effectively with cross-functional teams.
- Strong understanding of UI/UX principles, coupled with a commitment to staying updated on industry trends.
- Excels in translating client requirements into efficient, user-friendly, and innovative solutions.

EDUCATION

Master of Science in MASTER'S IN COMPUTER SCIENCE – **3.7/4.0** (Kent State University, USA)

Dec 2023

Courses: Machine Learning, Advance Communication Networking, Graph and Social Network Analysis.

Bachelor of Technology in **Computer Science and Engineering – 7.48/10** (JNTUH University, India)

May 2019

Course: Computer Programming, Design Patterns, Linux Programming, Data Mining, Data Structures.

Technical SKILLS

- React Native & Flutter
- HTML, CSS, JavaScript, Typescript
- React, Next.js & Tailwind CSS
- Java, Python, Dart
- SQL, MongoDB & GraphQL
- Visual Studio Code, Git and Bitbucket
- Firebase, Go-Router, Dio, Axios, React-Query.
- Zustand, Riverpod, Bloc and Provider.
- Critical Thinking, Effective Communication, Team Collaboration, Empathy and Team Collaboration.

PROFESSIONAL EXPERIENCE

Software Engineer (Mobile, Web and Desktop) || Forcey LLC || Cleveland, USA

(Jan 2025 to Present)

- Expert in leading the development of multi-platform mobile apps using widget-based **UI/UX designs** for the Mobile (Android and iOS), Web, Desktop (Windows and Mac) platforms, with proficiency in **Flutter**.
- Profound knowledge in **asynchronous programming**, employing techniques to enhance the efficiency and responsiveness of applications.
- Establish close working relationships with cross-functional teams to specify technical requirements and evaluate the operational viability of new product features.
- Skilled in implementing architectural design patterns like **Clean-Code** into practice to improve the modularity, scalability, and maintainability of software.
- Integrated **Firebase SDK** for Authentication, Realtime Database, and Cloud Firestore, ensuring secure user authentication and real-time content storage. Utilized Firebase Storage for efficient media handling.
- Integrated HERE Map API for Navigation for mobile and displaying vehicle's locations on the Web, Desktop (Windows and Mac) Applications.
- Successfully utilized **Riverpod** to enhance application responsiveness, streamline data flow, and ensure a **seamless user experience**.
- Contributed to the implementation of **dynamic and responsive user interfaces**, ensuring an engaging and seamless user experience.
- Expertise in implementing and optimizing Mobile, Web and Desktop App Development methodologies, ensuring the delivery of high-quality and **user-friendly applications**.
- Expert in integrating **Stripe** and **Helcim** Payment methods, **Algolia** Search Engine.
- Expert in integrating **LLM APIs** (Google Gemini) into the application.
- Conducted comprehensive **code reviews**, **maintaining code quality**, and adhering to industry best practices.
- Expertise in writing and deploying **Firebase Functions** using Nodejs & Typescript, **Firestore database** and **Firebase Auth**.
- Write code that adheres to accepted coding standards and best practices that is clear, effective, and tested.
- Skilled in applying **Test-Driven Development (TDD)** methodology and conducting **unit testing** to ensure code quality, reliability, and adherence to project requirements.
- Spearheaded **performance optimization** initiatives, enhancing system **efficiency by 30%**.

Software Developer (Mobile and Web) || M Genio || Cleveland, USA

(Jan 2024 to Jan 2025)

- Expert in leading the development of multi-platform mobile apps using widget-based **UI/UX designs** for the Android and iOS platforms, with proficiency in **React Native, Flutter**.
- Developed and managed web application using Next.js, Tailwind CSS, TypeScript, and Firebase authentication
- Profound knowledge in **asynchronous programming**, employing techniques to enhance the efficiency and responsiveness of applications.
- Establish close working relationships with cross-functional teams to specify technical requirements and evaluate the operational viability of new product features.
- Skilled in implementing architectural design patterns like **Clean-Code** into practice to improve the modularity, scalability, and maintainability of software.
- Integrated **Firebase SDK** for Authentication, Realtime Database, and Cloud Firestore, ensuring secure user authentication and real-time content storage. Utilized Firebase Storage for efficient media handling.
- Integrated Google Map API for users to find nearby Billboards.
- Successfully utilized **Riverpod** and **Zustand** to enhance application responsiveness, streamline data flow, and ensure a **seamless user experience**.
- Contributed to the implementation of **dynamic and responsive user interfaces**, ensuring an engaging and seamless user experience.

- Expertise in implementing and optimizing Mobile App Development methodologies, ensuring the delivery of high-quality and **user-friendly applications**.
- Conducted comprehensive **code reviews**, **maintaining code quality**, and adhering to industry best practices.
- Expertise in writing and deploying **Firestore database** and **Firestore database** and **Firestore database** in Mobile (React Native) and Web(Next.js).
- Write code that adheres to accepted coding standards and best practices that is clear, effective, and tested.
- Skilled in applying **Test-Driven Development (TDD)** methodology and conducting **unit testing** to ensure code quality, reliability, and adherence to project requirements.
- Spearheaded **performance optimization** initiatives, enhancing system **efficiency by 30%**.
- Improved codebase quality and reduced post-release bugs by 30% through rigorous code review practices.

Flutter Mobile Developer || M Genio || Cleveland, USA

(Aug 2023 – Jan 2024)

- Expertise in developing **cross-platform mobile applications** for Android and iOS.
- Applied advanced state management techniques using **Provider and Riverpod** to enhance the efficiency and scalability of the application.
- Prioritized responsive **design principles**, resulting in a user-friendly and accessible interface for improved user experience.
- Successfully integrated third-party libraries into software projects, demonstrating proficiency in seamless incorporation of external components to enhance functionality and efficiency.
- Executed comprehensive Firestore Database CRUD operations, showcasing proficiency in database management.
- Strong command of **MVC and MVVM architectures**, designing and developing scalable and maintainable software solutions.
- Proficient in utilizing **Git for version control**, managing code repositories, and collaborating effectively with development teams.

Technical Lead || Storytech Pvt Ltd || Hyderabad, India

(Jan 2021 – July 2022)

- Led a **cross-functional team** in the development of Android and iOS applications using Flutter. Oversaw the entire project lifecycle, from initial planning to successful deployment, ensuring seamless integration and optimal user experience.
- Managed and made significant contributions to the **Flutter rebuild** of the Workruit and TS-DEET application, which improved both its usability and speed.
- Developed a Flutter based application with cross-platform compatibility, and **integrated Google APIs** (Maps, Firebase) for location-based services and device synchronization.
- Partnered with the Project Manager and Business Development team to identify and gather new requirements for Flutter Applications and the Workruit Resume Builder Web Application.
- Actively participated in design discussions, contributing valuable insights to improve the overall **architecture (Model-View-Controller (MVC)) and maintainability** of the codebase.
- Designed, Implemented, and developed the application UI and reusable custom widgets using **Provider State Management**.
- Successfully identified and resolved critical issues during **code reviews**, **preventing potential bugs** and improving the efficiency of the development lifecycle.
- Played a key role in the successful integration of new colleagues by providing comprehensive **onboarding support**, including training sessions and informational resources.
- Implemented and enforced best practices for coding standards, leading to a significant improvement in overall code quality.
- Collaborated with cross-functional teams to identify and **resolve API issues**, ensuring a seamless integration process.
- Collaborated directly with Chief Officers, Product Manager, and Designer to discuss UI/UX and functionality changes. Assigned tasks to team members for seamless implementation.
- Conducted thorough code reviews for team members, providing constructive feedback and mentoring to enhance their coding skills.
- Played a key role in establishing and maintaining documentation for coding standards, ensuring consistency across the development team.
- Demonstrated expertise in code optimization, enhancing the performance of critical components and reducing resource utilization.
- Reviewed team members code in-depth and offered helpful criticism and guidance to help them become better coders.
- Worked pro-actively with the backend team to provide a smooth app experience during API calls, which helped to deliver an impeccable user interface.
- Orchestrated the development of streamlined work processes by fostering collaborative efforts with the Quality Assurance (QA) team, resulting in heightened efficiency, and improved overall project quality.
- Engaged in **daily Scrum** calls, participated in demonstrations, and contributed to refining sessions as part of collaborative **Agile development methodologies**.
- Proficiently created and managed projects, branches, tags, and repositories in Bitbucket to host and version control source code. Demonstrated expertise in utilizing Bitbucket for efficient collaboration and code management.
- Demonstrated expertise in troubleshooting issues throughout the software development lifecycle, including proactive identification during the building phase, seamless deployment problem resolution, and effective support in production environments.
- Collaborated in key business processes, including task estimation, sprint planning, and design sessions.
- Contributed to the optimization of workflow efficiency through active participation in business planning activities.

Software Developer || Storytech Pvt Ltd || Hyderabad, India

(July 2020 – Jan 2021)

- Developed and implemented UI features for mobile applications using **Flutter**, ensuring alignment with design specifications.
- Identified and **resolved software bugs**, enhancing the **application's functionality**, and ensuring a more seamless user experience.
- Improved the application's **business logic** by implementing strategic enhancements, resulting in increased efficiency and performance.
- Closely collaborated with the CEO to develop and execute **creative ideas** for new cover letter and resume template designs using HTML, CSS, Bootstrap, JS.

- Facilitated direct dialogue with the CEO to go over and execute modifications to current Templates, making sure they matched **company objectives** and brand standards.
- Collaborated closely with Chief Officers in strategic meetings to discuss and implement new functionality changes for the Workruit Resume Builder.
- Effectively communicated by converting user needs into tasks that the technical team could complete.
- Implemented a **robust documentation** process to track project progress, milestones, and key deliverables.
- Utilized effective communication channels to provide timely updates on project timelines, risks, and achievements.

Junior Software Developer || Storytech Pvt Ltd || Hyderabad, India

(Mar 2019 – July 2020)

- Implemented and optimized **MySQL** queries to enhance database performance, resulting in 50%.
- Utilized advanced **web scraping** techniques with **Python** to gather job and skills-related data, contributing to data-driven decision-making processes.
- Successfully implemented web scraping procedures, resulting in 90% increase in data accuracy and completeness.
- Analyzed and interpreted large datasets to derive actionable insights, supporting strategic business goals.
- Developed dynamic and responsive web applications using HTML, CSS, JavaScript, and jQuery.
- Collaborated with cross-functional teams to ensure the seamless integration of scraped data into the Workruit Application.
- Conducted regular **data quality checks** and implemented optimizations to ensure the accuracy and reliability of collected information.
- Recognized for proactive **problem-solving** and the ability to deliver high-quality, reliable data within tight deadlines.
- Contributed to the enhancement of the Workruit Application's functionality by providing valuable, real-time job market insights.
- Conducted thorough quality assurance testing to ensure functionality, usability, and performance of web projects.
- Proactively identified and addressed bugs, enhancing overall software reliability.
- Proven capability to work independently, showcasing self-motivation and initiative in completing tasks and meeting deadlines.

LEADERSHIP AND ACHIEVEMENTS

- Awarded Best Employer of Quarter for 3 times in Storytech Pvt Ltd.
- Lead a team of 6 members and 20 interns with-in 6 months after joining in Storytech Pvt Ltd.