**SUMMARY**

Results-driven Mobile & Front-End Developer passionate about building scalable, high-performance applications across web and mobile platforms. Adept at designing clean and maintainable architecture, optimizing app performance, and implementing intuitive UI/UX. Proven ability to reduce development time by 50% through reusable components and efficient state management. Experienced in full-cycle mobile app development, from ideation to deployment, with successful releases on the App Store & Play Store. A strong collaborator, balancing full-time responsibilities with freelance projects, demonstrating adaptability, problem-solving, and a commitment to continuous learning.

**WORK EXPERIENCE**

**Tata Consultancy Services |** [**Link**](https://www.nestpensions.org.uk/schemeweb/nest/app.html)Bangalore, India

***Systems Engineer / React Native Developer*** Jun,2023 – Present

* Developed pixel-perfect, responsive dashboard screens using React Native for a cross-platform pensions mobile application in the United Kingdom, increasing user satisfaction by 40% following the transition from a legacy website to a mobile-first experience.
* Created reusable custom components, reducing reliance on external libraries and accelerating development timelines by 50%.
* Integrated Redux Toolkit for state management and RTK Query for efficient API handling, resulting in improved app responsiveness.
* Implemented Jest framework for unit testing, reducing bugs by 35% and improving code reliability and maintainability.
* Successfully launched 4 production releases on Apple Store & Play Store with over 100000 downloads and 5000+ daily active users.

**DuYu (SensibleT) |** [**Link**](https://sensiblet.in/)Remote

***Mobile Application Developer*** Dec, 2024 – May, 2025

* Independently developed a feature-rich cross-platform mobile app from scratch, managing end-to-end delivery, including requirements gathering, development, testing, and APK deployment.
* Collaborated with the client to suggest design improvements, enhancing the overall user experience and usability.
* Implemented features like: Persistent login using secure token storage, OTP-based authentication for seamless onboarding, Interactive chatbot module for guided user assistance, Article feed and content display with animations, and responsive layout.
* Focused on performance and UX by integrating smooth animations, optimized navigation, and responsive layouts using React Native.

**ACADEMIC PROJECTS**

**Cyberbullying Detection & Reporting |** [**Link**](https://tinyurl.com/cyber-bullying-report)

* Led a team of 5 in developing a machine learning system to detect and report cyberbullying in social media comments, aiming to safeguard user mental health and promote safer online communities.
* Compared and evaluated five classification algorithms for effectiveness in identifying abusive text; achieved 94% accuracy using TF-IDF for feature extraction and supervised learning models.
* Conducted in-depth model analysis to explore how Machine Learning could assist in monitoring online toxicity and inform future systems for automated content moderation.

**LEADERSHIP EXPERIENCE**

**Association of Computer Engineers** Bhimavaram, India

***Helping Wings*** Jul, 2022 – Apr, 2023

* Led the planning and execution of department-wide initiatives, including technical fests, hackathons, job fairs, and tech exhibitions, enhancing student engagement and industry interaction.
* Earned the inaugural “Helping Hands” title for exceptional service and leadership, the first in the history of the student body.

**AWARDS AND ACHIEVEMENTS**

* Won the Top 500 at India's Largest Newton Coding Competition by Newton School.
* Earned a badge of Honors in [**Applied Data Science I: Scientific Computing & Python**](https://www.credly.com/badges/0846d6f4-de62-48a1-b766-ee3d6714c598) by WorldQuant University.
* [**HackerRank 5-Star Gold Badge in Python**](https://www.hackerrank.com/profile/harshaapoorv) – Awarded for top-tier performance in Python programming and problem-solving.

**SKILLS AND INTERESTS**

**Technical Skills:** React Native, Android, iOS, JavaScript, Python, Java, SQL, NoSQL, HTML, CSS, ReactJS, C, C++, AI & ML

**Other Skills:** Agile Methodology, Process Planning, Figma, Firebase, Google Analytics, Git, Google Cloud Platform

**EDUCATION**

**SRKR Engineering College,** Bhimavaram | Bachelor’s degree in Computer Science & Engineering (2019-2023)