

# Sunil Anumolu

Full Stack Engineer - React Native - Frontend - Mobile & Web

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## PROFESSIONAL OVERVIEW

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Driven by a passion for tackling complex tech challenges and crafting great products, with **7** years of extensive experience in **frontend & backend** development across mobile and web platforms. Proficient in a range of technologies including **React Native, React, Next JS, Angular JS, Node JS** & Python. Demonstrated adaptability and innovative prowess in diverse environments from startups to multinational corporations.

Built multiple consumer-facing applications, notably the **1% Club** app with 4.6 rating. Gained strong experience in developing and deploying **end-to-end** products from scratch. Committed to crafting **high-quality** products that enhance user experiences, known for exceptional leadership in building product, guiding teams and fostering professional growth among peers. Over the years, developed a robust ability **adapt, lead,** and drive technological advancements.

## WORK EXPERIENCE

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- **Influencer Garage (Start-Up)** Remote  
*Senior Software Development Engineer* *Oct 2023 - April 2024*
  - Architected and developed the entire web apps' frontend, with enhanced user experience for over **10K** creators
  - Crafted a modern and intuitive UI/UX for both **Web and App**, ensuring a seamless, intuitive, user-friendly experience.
  - Engineered an complex component for efficient data display i.e **20% faster**, to highlight creator engagement metrics
  - Pioneered a unique **AI**-powered platform to visualize creator analytics, setting a new standard in creator support tools
  - Enhanced **SEO** performance and page load speeds of Web application, resulting in a **20%** increase in user engagement.
  - Contributed to strategic tech system discussions, focusing on **scalability**, ensuring the platform's growth & adaptability
  - Architected and developed a responsive, user-centric **Android & iOS** mobile application using React Native, integrating custom JSX components and **native APIs** & components to enhance functionality and user experience
- **Rigi (Start-Up)** Bengaluru, IND  
*Senior React Native Engineer & Team Lead* *Feb 2021 - Sept 2023*
  - Spearheaded development of Android & iOS community apps, achieving **20M** users and expanding the company's reach.
  - Revamped the UI/UX into a gamification-style interface, leading to a **30%** growth in course and webinar subscriptions
  - Optimized the app, reducing size by **20%** and cutting down API requests, contributed to a revenue increase of **\$800,000**.
  - Efficiently upgraded the app's code base to the latest standards in 3 weeks, resulting in a **20%** boost in app performance
  - Designed robust RESTful APIs with NodeJS, optimizing backend processes and improving data handling efficiency by **40%**
  - Improved mobile app debugging time by **50%** by integrating Reactotron & Sentry tools, accelerating development cycle
  - Implemented comprehensive unit tests using Jest achieving **90%** code coverage and reducing bug rates by **25%** in production
  - Collaborated with **cross-functional** teams (tech, product, business, design) and regularly presented insights to the C-suite
  - Directed **hiring** campaigns for developer roles, leading candidate evaluations, enhanced talent pool and teams productivity.
- **Reliance Jio** Remote  
*Software Development Engineer* *July 2019 - Jan 2021*
  - Achieved a **48%** reduction in infra costs by integrating RocketChat into JioMeet, improving application's efficiency.
  - Contributed to JioCinema's growth to **32M** active users by implementing critical features for the live-streaming platform
  - Developed a modern video streaming platform for the mobile app, achieving a **99%** success rate in playback compatibility
  - Increased JioGames' user base to **10M** by enhancing user engagement through the creation of interactive UI/UX & features
  - Achieved **4.4** rating on play store by smooth, glitch-free app UI with engaging animations & modern wireframe loaders.
- **Mondelez International** Mumbai, IND  
*Software Development Engineer* *May 2017 - June 2018*
  - Launched a WebApp for locating warehouses, now operational across the **APAC** region, enhancing logistical efficiency
  - Reduced Google maps usage costs by **33%**, optimising the maps API calls made over all the app states, lowering expenses
  - Developed multiple **PoC** apps for data visualization and analysis on no-code platforms, effectively handling large datasets
  - Accomplished a **50%** reduction in development costs & **40%** in time by leading implementation of no-code platforms usage

## PROJECTS

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- **AI Tic-Tac-Toe Gaming Bot:** using the Minimax algorithm with alpha-beta pruning for efficient real-time decision-making. Integrated into a web application using Python, Flask, and JavaScript, providing a challenging opponent to users
- **Emotional State Detection Using Machine Learning:** learning system capable of detecting emotions. Utilized OpenCV for image processing and TensorFlow for developing a neural network model that classifies emotional states with accuracy
- **JetPack Joyride and Flight Simulator in OpenGL and C++:** engaging multi-player games, including a 2D JetPack Joyride clone and a 3D Flight Simulator, using OpenGL for graphics rendering and C++ for game logic.
- **Interactive OS Shell in C:** Developed a user-interactive shell in C, incorporating major features of the GNU/Linux shell such as redirection, piping, and handling background/foreground processes.

## SKILLS

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- **Languages:** JavaScript, C, C++, Python, SQL, Bash, Java, Kotlin, Swift
- **Frameworks:** React, React Native, Node JS, AngularJS, ExpressJS, NextJS, NestJS
- **Dev Tools:** VS Code, GitHub, Android Studio, XCode, Matlab, OpenGL, WebGL, AWS, GCP, Firebase
- **Database:** MySQL, SQL, SQLite, Neo4J, XQuery, MongoDB, GraphQL
- **Others:** HTML, CSS, Git, Tailwind CSS, Material UI, RN paper, Redux, APIs, Agile methodology, CI/CD
- **Product:** System design, Design patterns, Micro services, Story boards, Team building
- **Competencies:** Project Management, Operations, Internal + External Communication, Problem-Solving, Adaptability
- **Soft skills:** Multi-tasking, Result driven, Decision making, Ability to collaborate, Problem solving skills, Innovation
- **Programming:** Debugging, Object-oriented programming, Code maintenance, Testing, Scalability, Quality assurance

## EDUCATION

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- **International Institute of Information Technology** Hyderabad, India  
• *Bachelor of Technology (Hons.) in Computer Science & Engineering* 2017  
*Major Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Database Management, Introduction to Philosophy, Sociology*

## AWARDS AND ACHIEVEMENTS

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- **Banyan Award Recipient**, Highest student accolade awarded for contributions made towards Students community
- Rigi **Best Employee** Award for the year of 2023 for pro-active involvement in developing and delivering products
- Ranked 950 in the top **0.1%** amongst the 1.5 million candidates appearing for the All-India IIT-JEE in 2017

## EXTRA CIRCULARS

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- **Elected General Secretary and Speaker** IIIT-H  
• *Introduced and successfully passed legislation to earmark mandated **25%** female seats in undergraduate admissions*
- **National Service Scheme Coordinator** IIIT-H  
• *Made significant changes to the working of NSS which helped **double** the no.of volunteers in less than 6 months*