

Shreyas Nisal

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EXPERIENCE

- Twilio** June 2021 – present
Software Engineering Intern Remote
- Contributing to the Role-Based Access Control (RBAC) tool using the vaadin framework
- BitHyve** May 2020 – July 2020
Intern Remote
- Worked on the Hexa wallet app for bitcoin storage and transactions
- Oakland Systems** Dec 2018 – May 2019
Intern Remote
- Worked as the sole React Native developer on two apps
 - Developed modules in Spring and Hibernate for self-registration kiosks at hospitals
- Oakland Systems** May 2018 – June 2018
Intern Nagpur
- Developed a voice-controlled web application using JavaScript and the Web Speech API for hands-free medical examination forms
 - Connected the application to a MySQL database using JDBC to store pronunciation variations

PROJECTS

- QLogic** | *React Native* [Google Play](#)
- Developed a quantum computing puzzle game in React Native
 - Published on Google Play and gained 1K+ downloads and a rating of 4.8 with 100+ reviews
- Speech Programmer** | *HTML, CSS, JavaScript, Web Speech API* [Demo](#)
- Initiated an open-source web application to convert speech commands to C code
- MedNet Outreach** | *React Native, Twilio Programmable Video API* [Google Play](#) | [Apple Store](#)
- Worked with the Oakland Systems team to develop multiple apps for telemedicine
 - Integrated video calling in the apps using the Twilio programmable API
- VTalk** | *React Native, Android Speech Recognition API* [Google Play](#)
- Developed a react native app to facilitate communication between deaf people and speaking-hearing people
 - Worked with a school for the deaf and the Ability Foundation (Chennai) for user testing
- Unity3D Games** | *Unity3D Game Engine, Google Play Services API* [Google Play](#)
- Developed hypercasual games developed using the Unity3D Game Engine
 - Published 3 games to Google Play and gained a total of 1K+ downloads and an average rating of 4.9 with 100+ reviews
 - Developed a Virtual Reality Game using the Google Cardboard Plugin

TECHNICAL SKILLS

Languages: C, C++, Java, HTML/CSS, JavaScript, SQL, Python
Frameworks: React Native, Flutter, React, Node.js, Bootstrap, Spring, Spring Boot, Swing

EDUCATION

Birla Institute of Technology and Science, Pilani - KK Birla Goa Campus Aug 2017 - May 2022
B.E. Computer Science and Engineering, M.Sc. Physics

ACHIEVEMENTS AND HONORS

- Speaker, National Conference of Association of Otolaryngologists of India (AOICON)** Jan 2020
Topic: VTalk, An App for the Deaf
- Speaker, QTalks on Quantum Games (Organized by QWorld, QTurkey)** Dec 2020
Topic: QLogic, Gamifying Quantum Computing