

PRADYUMN NUKALA

Software Engineer

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EXPERIENCE

Founder and Indie Developer

[BriteTwist LLC](#) 2017 - current Location

Indie Mobile App Company

- **Produced 3 Apps in 3 Years which totaled over 1M+ downloads**
- Spacebolt achieved **15k DAU and over 850k downloads** in 2018
- VolunTree achieved **1.25k MAU and over 15k downloads** in 2016 with 15 new volunteer opportunities recorded daily

Data Science Intern

[Unissant, Inc](#) 07/2019 - 09/2019 Herndon, VA

A Data-Driven Digital Transformation & Cyber-Security Company

- Implemented a Fraud detection Model that recognized patterns of Health Care Fraud and deployed it as an AWS Sagemaker solution
- Created a React client web-app backed by serverless AWS Lambda functions to Interact with the Fraud Detection Model
- By creating this application, the company is able to demonstrate a proof of concept to a consulting client at the time

Software Engineering Intern

[Hobsons, Inc](#) 05/2018 - 08/2018 Arlington, VA

A Contractor that creates Software for Educational Institutions

- Built a backend using Java and the Spring Boot framework to monitor the synchronization data between CommonApp documents and the Naviance platform
- Created a Web App with JavaScript and AngularJS that displayed the JSON result from the accessed REST API
- The web app allows the sales team to answer QA with clients without an authorized developer, **reducing the time to complete simple QA by 80%**

SELECT PROJECTS

Yue

09/2019 <https://yue.app.link>

iOS App that uses ARKit to store white board history

- Created an algorithm which creates procedural 3D planets, where no two planets are ever the same within the same game session
- Built a fully functional 3D low-poly game under 26 hours which was later published to both iOS and Android stores
- **Published two articles on the development process of this project, which combined for 40k reads**

Like.ly

06/2017 <https://github.com/prnk28/Like.ly>

Built an Application that predicts number of likes on Instagram Post

- This project gained me exposure in utilizing Web Scrapers, Machine Learning, and JavaScript-based Cross-Platform development

SKILLS

Languages

[C#](#) [Dart](#) [Python](#) [JavaScript](#)

[Objective-C](#) [Java](#) [Swift](#)

Frameworks

[Unity3D](#) [Flutter](#) [iOS SDK](#)

[Android SDK](#) [Angular](#) [React](#)

[Node.js](#) [WebSockets](#) [LAMP/MEAN](#)

[Spring Boot](#) [Django](#) [NoSQL](#) [AWS](#)

[Firebase](#)

Design

[Adobe Illustrator](#) [Adobe Photoshop](#)

[Adobe After Effects](#) [Blender](#)

EDUCATION

Applied Mathematics

[Virginia Commonwealth University](#)

Richmond, VA

PUBLICATIONS

A Deep Dive into Flutter: The 22nd Century Frontend Framework

[Flutter Community - Medium](#)

09/2019 <https://bit.ly/2zbwCCG>

A two part tutorial on getting acquainted with the flutter framework