

# KUSH PATEL

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## EDUCATION

**New Jersey Institute of Technology**  
BS Computer Science

Sept 2018 – May 2022  
Newark, NJ

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## EXPERIENCE

### CodePath.org

TechFellow

September 2021 – Present  
Newark, New Jersey

- Facilitating a junior/senior level android development course at New Jersey Institute of Technology
- Coursework includes teaching concepts to develop 3 android applications
- Teaching topics like debugging strategies, use of APIs, and version control to develop best industry practices

### UnitedHealth Group (Optum)

Software Engineering Intern

June 2021 – August 2021  
Basking Ridge, New Jersey

- Developed 3 web applications with ReactJS and deployed them to kubernetes using multiple AWS services
- Implemented features like SingleSignon, Role Based Access, API queries and exporting PDF and CSV files
- Built CI/CD pipeline using Jenkins to automate integration

### Code Simba

Instructor

February 2020 – April 2021  
Edison, New Jersey

- Designed and taught a Python and C curriculum including Data Structure and Algorithms
- Designed and taught app development with the help of MIT app dev tool
- Developed softwares to automate EV3 robots using Python and SCRATCH

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## SKILLS

- Java, Python, C, HTML, CSS, JS, ReactJS, ExpressJS
- Docker, Kubernetes, Helm Charts, Jenkins Pipelines
- Amazon Web Services, Microsoft Azure

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## PROJECTS

### Mock -youtube ReactJS

A mock youtube app

<https://github.com/kp673/mock-youtube>

### Flix Java

Flix is an app that allows users to browse movies from the The Movie Database API.

<https://github.com/kp673/Flix>

### Parstagram Java

Parstagram is a photo sharing app similar to Instagram but using Parse as its backend.

<https://github.com/kp673/Parstagram>

### Image Filter C

Image filtering software. Gray scale; Sepia; Blur; Reflection

<https://github.com/kp673/Filter>