

Rahul Yedida

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Education

North Carolina State University

PH.D. COMPUTER SCIENCE – ADVISOR: DR. TIM MENZIES

Raleigh, NC

Aug 2019 - Exp. Dec 2023

PES University

B.E. COMPUTER SCIENCE

Bangalore, India

Aug 2015 - May 2019

Experience

Amazon

SOFTWARE DEV ENGINEER INTERN

- Implemented profile locks for Prime Video on Echo Show devices.
- Technology:** React Native, TypeScript

New York, NY

May 2023 - Aug 2023

Amazon

SOFTWARE DEV ENGINEER INTERN

- Developed a full-stack system to publish announcements in socrecards used by delivery service partners (DSPs).
- Technology:** React/Redux, TypeScript, Redux Saga, DyanmoDB, Java Spring

New York, NY

May 2022 - Jul 2022

Honors & Awards

2022 **Google Cloud Champion Innovator**

Projects

Programmable Resumes

PYTHON

- Developed a specification and implementation for modular, customizable resumes with support for two popular LaTeX templates.

GitHub

Aug 2023 - Present

pysh

C++, TMLANGUAGE

- Developed a superset of Python that allows running Shell code natively, with a VS Code syntax highlighting extension.

GitHub

May 2021 - Present

Threaded Discussions Website

MONGODB, NODE.JS, REACT

- Companion website for video calls that allows for Reddit-style, threaded discussions.

GitHub

Feb 2021 - Jun 2021

NearConnect

iOS, SWIFTUI

- iOS app to connect with people nearby using multicast peer-to-peer connections.

GitHub, App Store

Nov 2020 - Mar 2021

JournalBear

JAVASCRIPT, ELECTRON

- Cross-platform journal application with AES-256 encryption. Rated 4/5 by Softpedia.

GitHub, Softpedia

Jan 2017 - Feb 2019

Results Scraper

MONGODB, EXPRESS.JS, REACT, NODE.JS

- Website for scraping university examination results and displaying charts and printable reports, with caching.

GitHub

Mar 2018 - Aug 2018

Video Sharing Website

MYSQL, EXPRESS.JS, REACT, NODE.JS, SASS, ELASTICSEARCH

- Simplified implementation of a video-sharing website with subscriptions and custom searching.

GitHub

Oct 2017 - Dec 2017

Xtreme Calculations

VB.NET, PYTHON

- Windows math software to solve scientific and mathematical problems, with over 30k downloads across multiple sites.

Softpedia

Apr 2013 - Oct 2017

Video Indexer

C++, QT, SPHINX

- Cross-platform desktop application to detect the time(s) a given keyword was spoken in a video.

GitHub

Jun 2017 - Sep 2017

Web development projects

CodePen

MONGODB, EXPRESS.JS, REACT, NODE.JS, SASS, D3.JS

Jan 2017 - Nov 2017

- Projects include URL shortener, rogue-like dungeon crawler game, voting application, Simon game, land surface temperature heatmap, and mapping meteorite impacts across the globe.

Skills

Languages Python, TypeScript, Java, C++

Frameworks Flask, Keras, PyTorch, Node.js, React

Databases MySQL, MongoDB, DynamoDB