

Rishi Panthee

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EDUCATION

North Carolina State University

Bachelor of Science in Computer Science, Minor in Economics

Raleigh, NC

Aug. 2019 – Dec 2022

EXPERIENCE

Software Engineer

Jan. 2023 – Mar. 2023

Sun West Mortgage Company - Morgan AI

Buena Park, CA

- Work a REST API using Node.JS based mortgage and real estate AI chatbot
- Developed a mobile app using React Native for mobile usage of the chatbot
- Worked on a React and MaterialUI based frontend for user interfacing with the chatbot
- Implemented security through Google Recaptcha and honeypots
- Used Agile methodology and took full ownership of stories from designing them to implementing and testing
- Reviewed other's code approximately 3-4 times a week during code review sessions
- Worked with sysadmin and QC teams to find, document, and resolve bugs

Network Technician

Jan. 2022 – Aug 2022

North Carolina State Employees Credit Union

Raleigh, NC

- Monitored Cisco routers and switches via SSH and Solarwinds automated monitoring across the 275+ branches and 1000+ ATM locations in North Carolina
- Used BMC Remedy for ticketing systems
- Communicated with internal teams, branch employees and external vendors to coordinate repairs in a timely manner

PROJECTS

NFTMart | *Node.JS, MySQL, React, Git*

June 2020 – Present

- Created the backend for a NFT marketplace to get data using a REST API
- Managed deployment of the backend onto a Linux server
- Reduced load times up to 90% compared to other marketplaces using an internal cache
- Wrote automated tests to validate functionality in Mocha
- Added features and tested React based frontend
- Automated deployment of frontend using Github actions

ConfigDN | *Go, Node.JS, Linux, Git*

Nov. 2022 – Present

- Wrote JS and Go library to fetch data from API
- Integrated JS library into the NFTMart project
- Setup a linux system for deployment of Go and pocketbase API
- Collaborated with creator to reduce bandwidth usage and reduce network usage

AS400587 | *Routers, Switches, BGP, Networking, IX*

April 2022 – Present

- Got ASN and IP space from ARIN
- Communicated with a datacenter to get colocation space a reasonable rate
- Deployed router, switch, and a few servers to the datacenter
- Setup BGP to advertise routes to external networks
- Connected to 2 internet exchanges, FCIX and SFMIX and connected to a few peers on each exchange

TECHNICAL SKILLS

Languages: Javascript, Python, SQL (Postgres/MySQL), Go, Java

Frameworks: React, Node.js, Express.JS, Mocha, WordPress, Spring Boot

Developer Tools: Git, Docker, Github Actions, AWS, VS Code, GoLand, PyCharm