

AKASH KESHAV

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domesticchores 📧
akash-k-keshav 🌐

EDUCATION

BS Software Engineering | [Rochester Institute of Technology](#)

📅 2024 - Expected 2029

Early Acceptance into Masters Program, Dean's List Recipient
Presidential Scholar

GPA: 3.87

High School Diploma | [Keystone School](#) 📅 2013 - 2024

GPA: 4.00

EXPERIENCE

Systems Management | [Comfort Inn SeaWorld](#) 📅 July 2023 - July 2024

- Developed and maintained internet security and services to ensure a smooth experience for guests
- Revitalized previously existing software and hardware to comply with modern standards
- Facilitated development of an inventory management software to assist with keeping supplies in stock

Front Desk Clerk | [Holiday Inn Express](#) 📅 June 2022 - May 2023

- Provided a professional, welcoming environment while assisting guests with check-in, check-out, and reservations
- Operated management software (Opera) to facilitate payments, assign rooms, and audit shifts in an orderly fashion
- Collaborated with staff to ensure concerns regarding room appliances and cleanliness were resolved swiftly

PROJECTS

Bits n' Bytes API | [🌐 domesticchores/bitsnbytes-api](#)

Backend endpoint for Computer Science House's Bits n' Bytes Project, using Python and Flask to handle requests and authentication to a private PostgreSQL Database.

Python

Flask

PostgreSQL

SQLAlchemy

PinPoster | [🌐 domesticchores/pinposter](#)

Angular application that all student poster boards on RIT campus, with a fully custom interactive map.

Angular

Node.JS

TypeScript

CSS

LetMeIn v2 | [🌐 ComputerScienceHouse/letmein2](#)

An interactive visitor notification system that allows users to check-in to a building using MQTT messages that alert on-floor members physically and digitally, using electronic buttons and slack notifications.

Python

Go

HTTP

Javascript

MQTT

LANGUAGES

Python

Java

C

C++

Javascript

Lua

HTML

Go

FRAMEWORKS

Typescript

Node

NextJS

Angular

React

SpringBoot

TOOLS

Git

Docker

Supabase

Visual Studio

IntelliJ

Matlab

ACTIVITIES

Computer Science House |
[🌐 csh.rit.edu](#)

- Bits n' Bytes Representative
📅 September 2024 - Present
Responsible for developing the backend API smart card technology into *Bits n' Bytes*, an AI-Powered smart vending machine that allows users personalized recommendations catered to their eating habits.

BrickHack Club |
[🌐 brickhack.io](#)

- Member
📅 October 2024 - February 2025
Established communication between technology-focused clubs to provide workshops and activities for club events, workshops, and hackathons.