

Prit Shah

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, College of Computing
Candidate for Master of Science in Computer Science

Atlanta, Georgia
Jan 2024 - Present

- Concentration: Interactive Intelligence

GEORGIA INSTITUTE OF TECHNOLOGY, College of Computing
Bachelor of Science in Computer Science

Atlanta, Georgia
Aug 2016 - May 2020

- Concentration: Intelligence and Information Internetworks

EXPERIENCE

Amazon AMP

Atlanta, GA

Software Development Engineer

Aug 2021 – Feb 2023

- Engineered **10+** custom metrics / alarms dashboard for monitoring microservices' health on **Cloudwatch**
- Crafted a **DynamoDB** table and **POST API** for an existing **Lambda** function to collect **HMD survey** feedback
- Mitigated issues affecting **2.7%** of customer base while oncall, resulting in an increase in user satisfaction
- Achieved **100%** operational readiness before / after launching by fixing errors in logs / tuning alarms
- Designed an entire **integration test suite** for a new **Java** microservice, resulting in a **100%** decrease in bugs

Itential

Atlanta, GA

Software Engineer

May 2020 – May 2021

- Processed **JSON payloads** to build workflow automations that were run **500+** times a day by customers
- Developed custom functionality using **MERN stack** to be implemented in automations for service providers
- Automated **SMF / UPF** updates on ISP **5G network devices** using **Ansible** modules
- Demonstrated **Itential automation platform** functionality to a customer team of **10+** members

The Home Depot - Orangeworks

Atlanta, GA

Software Engineer Intern

Aug 2018 – Apr 2019

- Created a real-time **facial recognition** application connected to **4k network security cameras**
- Trained an **SVM Linear Classifier** to recognize employees through video stream, with **~90%** accuracy
- Preprocessed **25** employee pictures through the **Face_Recognition API** for model training
- Implemented application on a **Jetson TX2** through the following tools: **OpenCV, Python, and Scikit-Learn**

PERSONAL PROJECTS

CulinaryCompanion

Apr 2024

<https://www.culinarycompanion.xyz>

- Built a **full-stack** web application leveraging **Next.JS, Tailwind CSS, Java (Spring Boot), Python (Flask)**
- Provided recipe recommendations through **TF-IDF vectorization** and **cosine similarity** using **Scikit-Learn**
- Integrated **Firestore Auth** for secure user sign-in and ensured data integrity using **PostgreSQL** on **Supabase**
- Deployed application on **AWS Beanstalk** and **Vercel** for scalable backend and seamless frontend hosting

CERTIFICATIONS

AWS Certified Solutions Architect - Associate

Feb 2024

Amazon Web Services Training and Certification

SKILLS

Technical Languages: Java, Python, Javascript, HTML, CSS, SQL/NoSQL, C/C++

Tools: AWS, GitHub, JIRA, Visual Studio, Firebase, Android Studio, IntelliJ IDEA, Ansible

Foreign Languages: English – Fluent, Gujarati – Fluent, Spanish – Limited Working Proficiency