

# SRIRAM KARTHIK AKELLA

Computer Science Student  
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**Linkedin** | **Portfolio** | **GitHub**

## EDUCATION

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**University of Alberta**  
Bachelor of Science - Computer Science

Edmonton, AB  
September 2020 - April 2025

## EXPERIENCE

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### **Ericsson | Software Developer Intern**

Ottawa, ON | September 2023 - Present

As an SDE Intern at Ericsson, I am involved in two significant projects:

- Data Manipulation with Python and PostgreSQL: Developed Python scripts for extracting and transforming data from radio towers, collaborated on PostgreSQL database optimization, and designed custom data visualization tools for stakeholders.
- Web Dev with Flask/FastAPI and EDS: Utilized Flask/FastAPI for web application development, ensured consistent and visually appealing user experiences using the Ericsson Design System (EDS).

### **City of Edmonton | Software Developer Intern**

Edmonton, AB | January 2023 - August 2023

- Created automation scripts to set up pro-active maintenance for users logging into applications.
- Manipulated network data files to extract valuable insights from CoE sites across the city.
- Coded City websites using HTML, CSS, JavaScript, and jQuery languages.

### **University of Alberta | Teaching Assistant**

Edmonton, AB | January 2021 - July 2021

Teaching Assistant for CMPUT 175 - Introduction to Foundations of Computing II.

- Conducted lab sessions every week and assisted students in one on one and small group setting.
- Assisted teaching staff in designing the course.

### **Kuwait Oil Company | Information Technology Intern**

Al Ahmadi, Kuwait | July 2019 - August 2019

- I have worked as an IT Intern at Kuwait Oil Company receiving practical knowledge on Database and Server Hardware, Cloud Computing, ITIL and ISO Standards, Operating Systems & Computer Networks.
- For a term of one week, I had also assisted at the Service Desk of the IT Department of Diyar United Company to help clients by troubleshooting their IT-related issues.

## PROJECTS / OPEN-SOURCE

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### **Qify - "Virtual Clinic" | Link**

*Flutter, Firebase*

We've created a 'virtual clinic' mobile application for Android and iOS (using Flutter and Firebase) for our participation in the KFAS & CODED Virtual Hackathon - Emergency Resilience.

### **Smart Eye | Link**

*Python, Raspberry Pi, CloudSight API*

We've created an assistive device for the visually impaired people called 'The Smart Eye' which can reduce their dependence on others in terms of mobility.

The device detects and recognizes objects in the field of view of the user.

### **Bank Management System | Link**

*Python, SQL*

A python menu-driven program that runs the tasks of a bank (Creating account, depositing and withdrawing money, closing account, etc)

## CERTIFICATIONS

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- Problem Solving (Intermediate) Certificate - **HackerRank**
- The Complete Android Developer Course - **CodeStars**
- Flutter Development Bootcamp - **Udemy**