

# JYOTHIS JAYANTHULAL

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## OBJECTIVE

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Software Engineer with hands-on experience in backend development, cloud technologies, and building scalable solutions. Seeking an internship or full-time role in software development to contribute technical expertise and grow within a dynamic team.

## SKILLS

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<b>Programming Languages</b>	Python, Golang, TypeScript, Rust, Kotlin, Java, C++, Dart
<b>Frameworks</b>	Jetpack Compose, Flutter, FastAPI, Flask, React (Basic)
<b>Databases</b>	MongoDB, PostgreSQL, MySQL, Redis
<b>Cloud</b>	AWS (EC2, S3, Elastic Beanstalk), Vercel, Heroku
<b>Tools</b>	Git, Docker, Redis, CI/CD, Ansible, rClone, FFmpeg
<b>Other Skills</b>	Asynchronous Programming, Concurrency, REST APIs, MTPROTO API
<b>Soft Skills</b>	Problem Solving, Team Leadership, Collaboration, Time Management, Adaptability

## EDUCATION

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### Diploma in Computer Systems Technology: Software Development and Network Engineering

2024 Jan - Ongoing

Sheridan College, Oakville, ON

Relevant Coursework: Data Communications & Networking, OOP using Java, Database Design, Linux OS, AWS Introduction, Automation using Ansible.

### Senior Secondary High School

Graduated 2023

St John's School, India

Relevant Coursework: Python Programming, MySQL Database Management, Computer Networks.

## EXPERIENCE

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### Software Engineer Intern

Sept 2024 - Ongoing

Walton Systems, Ottawa, ON

- Implemented concurrency in backend services, reducing task processing time by 97.5% (from 40 minutes to 1 minute).
- Rewrote the backend server to fully support asynchronous tasks, improving scalability and performance.

## PROJECTS

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### Telegram File Stream Bot

A Telegram bot that provides instant file links for Telegram files. The GitHub repository has over 1K stars.

*Technologies: Golang, Web Server, Concurrency, MTPROTO API, TUIs*

### DesterLib/Backend

Backend for Dester, a simple and elegant Content Management System (CMS).

*Technologies: Python, Golang, React, Web Server, API, Threading, Authentication, MongoDB*

### Webshot API

Developed a REST API to generate images from URLs using Chromium for high-quality web scraping.

*Technologies: Dart, Web Server, APIs, Chromium, Web Scraping*

## LEADERSHIP

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- President of the [Sheridan Software Developers Club](#), actively organizing and leading club events, coding workshops, and hackathons to foster a collaborative and growth-oriented environment for software developers. Involved in mentoring and helping club members develop technical skills and industry knowledge.