# Sam Christopher H

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## EDUCATION

**KGISL IIM**
MCA in Computer Application
Grad.May - 2023 | Coimbatore, India

**KARUNYA UNIVERSITY**
BCA in Computer Application
Grad.May - 2019 | Coimbatore, India

**SUBURBUN HR SEC SCHOOL**
Grad. May - 2016 | Coimbatore, India

## LINKS

Github:// sam-chris-fullstack-engineer
LinkedIn:// sam-chris-full-stack-engineer
Website:// samchris-portfolio.netlify.app

## COURSEWORK

**POSTGRADUATE**
Data Structure and Algorithms
Operating Systems
Software Project Management
Computer Networks[Link]
Big Data Computing [Link]
Object Oriented Programming [Link]
Relational Database Management Systems
Web Application Development [Link]

**UNDERGRADUATE**
Big Data Analytics
Operating System Concepts
Principles of Web Programming
Network and Fundamentals
Essentials of Software Engineering

## SKILLS

**TECHNOLOGIES**
Programming Languages:
Javascript • Java • HTML • CSS
Libraries/Frameworks:
TailwindCSS • Spring • Spring Boot • Rest APIs • Hibernate • Front-End
Databases:
MySQL • PSQL • Appwrite • Back-End

## INTERESTS

Technical
Fullstack • Programming
Non-Technical
Content Creation • Video Editing

## INTERNSHIP

**KODNEST TECHNOLOGIES** | Full stack Developer Intern
Jun 2023 – Feb 2024 | Bangalore, India
- Focused on **Java & Python full stack development**.
- Collaborated with teams to enhance software solutions.
- **Agile methodology** to manage project tasks and ensure timely delivery.
- Explored programming, **web development**, **SQL**, **problem-solving**, and testing.
- Learned and applied automation testing tools and frameworks to streamline testing processes, increase efficiency, and improve test coverage.
- Gained practical experience in **web development**, including both **front-end** and **back-end** technologies, to build robust and interactive **web applications.**

**WALMART** | Virtual Software Engineering Intern
Feb 2024 – Mar 2024 | Remote

- **Advanced Data Structures: Developed** a novel heap **data structure** in Java for Walmart's shipping department, enabling **collaborative** logistics **operations**.
- **Software Architecture: Designed** a UML class diagram for a **data processor,** facilitating **collaborative** use across systems.
- **Relational Database Design:** Created an entity-relationship diagram for a new **database**, fulfilling all **requirements** for the pet department.
- **Data Munging: Developed a Python** script for efficient data population and management in the **database.**

## PROJECTS

**HEALTH-ALIGN: HEALTHCARE MANAGEMENT SYSTEM** | Link
- **Developed** a system to streamline patient data and appointments
- Administrative tools for scheduling, confirming, and cancelling appointments
- SMS notifications for updates
- Built with Next.js for efficiency.
- Followed the **Software Development Life Cycle** for project execution.

**TUNE-HUB: MUSIC STREAMING PLATFORM** | Link

- Seamless and enjoyable music listening experience
- Listen to favourite songs
- Create new tracks
- Add songs to personal playlists
- Comprehensive music streaming functionality
- Focused on improving the user experience throughout **development** and **deployment** to ensure a seamless user experience.

## CERTIFICATIONS

- Paper Presentation - **Energy Efficiency in Mobile Ad-Hoc Networks with Multipath Routing** [Link]
- Walmart USA - **Advanced Software Engineering Job Simulation - Virtual Internship** [Link]
- Java Full Stack Development [Link]