Sam Christopher H

samchris-portfolio.netlify.app | Software Developer
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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-christopher07**
LinkedIn:// **sam-christopher07**
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 • BASIC
Libraries/Frameworks:
TailwindCSS • Spring • Spring Boot • Rest
APIs • Hibernate • Front-End
Databases:
MySQL • PSQL • Appwrite • Back-End

INTERESTS

Technical
•Fullstack • Internet of Things • User
Experience
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**.
- Explored competitive programming, **web development**, **SQL**, and both manual & automation testing
- Explored competitive programming, **web development**, **SQL**, and both manual & automation testing
- Emphasized versatility and prepared for the dynamic tech landscape
- Worked on deployment processes to ensure smooth application releases.

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

- Advanced Data Structures: **Developed** a novel version of a heap data structure in Java for the shipping department.
- Software Architecture: **Designed** a UML class diagram for a **data processor**, considering different operating modes and **database connections**.
- 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 to populate the **database**.
- Collaborated with teams to ensure effective **communication** and successful project completion.

PROJECTS

HEALTH-ALIGN: HEALTHCARE 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 Lifecycle for project execution.

TUNE-HUB: MUSIC STREAMING PLATFORM | Link

- Seamless and enjoyable music listening experience
- Listen to favorite songs
- Create new tracks
- Add songs to personal playlists
- Comprehensive music streaming functionality
- Focused on improving the user experience throughout development.

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]