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-chris-fullstack-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**, addressing complex problem-solving challenges.
- Applied **Agile methodology** to manage project tasks and ensure timely delivery.
- Gained practical experience in web development, including both **front-end** and **back-end** technologies, to build robust and interactive **web applications.**
- Contributed to **collaborative** efforts to enhance software solutions and development.

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**.
- Applied **problem solving** skills to enhance project outcomes.

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.

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
- Followed the **Software Development Life Cycle (SDLC)** for project execution.

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]