

Joji Kuriyathan Joy

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EDUCATION

MSc. Computing with Advanced Practice

Computer Application with Programing and Data Science

Teesside University, Middlesbrough

Graduation Date: Jan 2024

WORK EXPERIENCE

Cygnus Software's Inc

Developer (Backend/Full stack)

Coimbatore, India

Jun 2019 – Oct 2021

- Designed, developed, and monitored web pages and sites for continuous improvement utilizing web-based technologies for the document management system.
- Skilled in designing and implementing new features and functionality and ensuring high performance and availability.
- Extensively wrote python scripts for various workflow automations.
- Documented technical workflows and knowledge to educate newly hired employees.

PROJECT EXPERIENCE

DataForte Web app – Personal Project

AI enhanced database backup and recovery automation system

Sep 2023- Present

- Performance Enhancement: Leveraged advanced machine learning and AI algorithms to optimize the Database Backup and Recovery Automation System's efficiency.
- Reliability Assurance: Utilized cutting-edge techniques to bolster the system's reliability, ensuring consistent performance and data protection.
- Downtime Reduction: Integrated AI-driven mechanisms that proactively identified and mitigated potential issues, significantly reducing downtime and data loss in enterprise environments.

NHS Family Invoice App - Internship

Android Mobile app

Teesside University, Middlesbrough

Jan 2023- Sep 2023

Developed a mobile application to digitalize the "Family Voice - Carers Diary" forms used by palliative care patients as a health diary.

- Implemented a straightforward form-based daily entry feature employing a 5-star rating system to record vital patient information like pain, breathing, medication, and food needs.
- Integrated advanced data collection and analytics capabilities to provide health specialists insights for enhanced patient care, including custom data, questions, and corporate branding.

github.com/joji-kuriyathan-joy/Nhs-Family-Invoice.git

Ultra Doc App - Personal Project

Android Mobile app

Aug 2023 – Dec

2022

- Instant PDF Generation: Designed a user-friendly interface that allows swift creation and sharing of PDF documents.
- Customizable Document Details: Integrated functionality to add a title, description, and date to individualize each document.
- Image Integration: Enabled users to seamlessly incorporate images either directly from the gallery or captured in real-time via the device's camera.
- Location Snapshot: Incorporated a unique feature to take and embed a snapshot of the user's current location within the document for context and validation.

SKILLS & INTERESTS

Skill Stack: Web Development, Backend/Full Stack, Database Management, Android Development, Version Control, AWS, Google Cloud, Road mapping, Software Product Lifecycle

Tools: MySQL, Postgres, Vertica, SQL-Server, Mongo-Db, Firebase, S3, APIs, Java, C#, Python, JavaScript, G Suite Apps, Slack, Jira, Trello, Confluence, Mailchimp, SCRUM & Agile Methodology, Microsoft Excel, Google Sheets, GitHub, .Net Framework, Flask, Django