

Mathew Jyothis Jimmy

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EDUCATION

CHRIST (Deemed to be University)

Master of Computer Applications, 61%

Bangalore, Karnataka

July 2023 – Present

Don Bosco College(Affiliated to Kannur University)

Bachelor of Computer Science , 72%

Kannur, Kerala

July. 2019 – June 2022

INTERNSHIP EXPERIENCE

Devops Intern

Internship Studio

June 2024 – August 2024

Pune, Maharashtra

- Implemented a CI/CD pipeline using Jenkins, GitHub, Maven, and Tomcat for automated build and deployment on AWS EC2.
- Set up Jenkins pipelines to automatically trigger builds from GitHub, package the application with Maven, and deploy WAR files to Tomcat.
- Utilized Linux and AWS for server setup and management, ensuring efficient and secure deployment processes.

PROJECTS

Secure Capita | Angular, Java, Maven, Spring Boot, MySQL, Docker, AWS

June 2024 – Present

- Developed a full-stack web application with an Angular frontend and a Spring Boot backend.
- Utilized MySQL for efficient database management.
- Containerized the application using Docker for consistent development and deployment environments.
- Deployed the application on AWS to ensure scalable and reliable infrastructure.

Crypto App | Microservices, Docker, AWS CodeBuild, ECR, ECS, CodePipeline

July 2023 – August 2024

- Designed and deployed a crypto application utilizing microservices architecture to ensure modular and scalable services.
- Containerized services using Docker and managed Docker images with Amazon Elastic Container Registry (ECR).
- Automated build and deployment processes with AWS CodeBuild and AWS CodePipeline for streamlined CI/CD.
- Deployed and managed microservices on Amazon Elastic Container Service (ECS) for high availability and scalability.

ElectroSpark | HTML, CSS, JavaScript, Python, MySQL

December 2023 – April 2024

- Created an educational website focused on basic electronic experiments with detailed descriptions and virtual practice spaces.
- Achieved an engaging user experience with interactive images, diagrams, and animations.
- Collaborated with educational content creators and users for continuous improvements and feedback.
- Implemented analytics to track user interaction and enhance the site's educational value.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R,

Frameworks: React, Node.js, Flask, Spring Boot, Angular

Developer Tools: Git, Docker, Jenkins, Terraform, AWS CloudFormation, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries: pandas, NumPy, Matplotlib

Cloud Platforms: AWS

CERTIFICATIONS

AWS Academy Graduate - AWS Academy Cloud Foundations

AWS Academy

July 2024