

EDUCATION

CHRIST (Deemed to be University)

Master of Computer Applications — GPA: 65%

Bishop Cotton Women's Christian College

Bachelor of Computer Application — GPA: 77.3%

Bangalore, Karnataka

July 2023 – Present

Bangalore, Karnataka

August 2019 – May 2022

PROJECTS

Amazon Prime Clone Deployment | AWS, DevSecOps, Jenkins, Docker, ArgoCD, Kubernetes

- Built a Prime Video clone on AWS using serverless architecture with Amplify, Lambda, DynamoDB, and S3, achieving 99.9% uptime and scalable streaming.
- Established a CI/CD pipeline with Jenkins, integrating SonarQube and Trivy, improving code quality by 30% and security compliance by 40%.
- Automated multi-environment deployments with ArgoCD, reducing deployment time by 50% and increasing release frequency by 20%.

Discord Bot — Event Monitoring Bot | Java JDA, MySQL, Docker

- Developed a real-time bot using Java JDA to track user activity with 92% accuracy and provide instant notifications.
- Optimized MySQL queries, enhancing data retrieval speed by 35% during high-traffic periods and ensuring seamless performance.

Mentoring App | React Native, Apache Kafka, Gale-Shapley Algorithm

- Developed a mentoring app with stable pairing using the Gale-Shapley algorithm, achieving a 95% satisfaction.
- Implemented real-time communication with Apache Kafka, enabling seamless messaging, scheduling, and progress tracking.
- Designed a CMS for efficient content management and user-friendly authentication, ensuring secure access and optimal uptime.

MyGate | Kotlin, Android Studio, Firebase, MongoDB

- Led the development of profile management and gate pass systems, improving operational efficiency by 50%.
- Integrated instant alerts for communication, reducing response time by 85% and increasing user satisfaction.
- Designed scalable solutions with Firebase and MongoDB, ensuring system reliability and scalability by 25%.

ACHIEVEMENTS

UI/UX Event (Jothi Nivas College): Won 1st place for design in a national technical fest.

Mobilithon (Sai Ram College): Developed a mobile app with improved performance and minimal downtime during trials.

LEADERSHIP EXPERIENCE

Event Head

Christ University, Bangalore

September 2024 – Present

Host, TechSession

Christ University, Bangalore

April 2024, October 2023

TECHNICAL SKILLS

Programming Languages: JAVASCRIPT, JAVA, C/C++

Libraries/Frameworks: React.js, Next.js, Typescript, Streamlit, Git, Redis, Kafka, Kubernetes, Docker, HTML5, CSS3, RESTful APIs

Developer Tools: Git, Docker, Redux Postman, Visual Studio, Android Studio, Tableau, Figma

Database & Cloud: MySQL, Postman, Firebase, AWS EC2, MySQL, vercel