

Ubaid Ahmad

+91 8176-940-866 | ubaida985@gmail.com | [linkedin.com/in/ubaida985/](https://www.linkedin.com/in/ubaida985/) | github.com/ubaida985 | [portfolio](#)

EXPERIENCE

Software Development Engineer II

Apr 2024 – Present

Evertz India Pvt. Ltd.

Hybrid – Bangalore

- Led development of the OTT Delivery Orchestration Remediation Service, enabling automated health monitoring, self-healing, and intelligent recovery for live OTT video workflows.
- Developed and maintained the Dynamic Audio Mixing feature, automatically upmixing/downmixing based on input/output requirements, improving audio flexibility and operator efficiency.
- Implemented the MCLE-driver service for OTT EC2 instances, exporting logs and metrics to SQS for remediation actions based on real-time health data.
- Architected and implemented AWS Step Functions workflows for Lambda, EC2, and DynamoDB orchestration, automating deployment, monitoring, and remediation actions.
- Designed and led **AMI build** with Packer and GitHub Actions, including testing and validation for OTT delivery stacks.
- Collaborated across pillars to provide development support for multiple features, including SRT-type deliveries, AWS-S3 CDN integration, and **blue-green** for OTT Delivery Orchestration.
- Provided on-call production support via PagerDuty, diagnosing AWS and system-level issues, implementing hotfix scripts, and reducing manual intervention during incidents.
- Delivered DVB Teletext encoder feature for a major customer, coordinating with other teams and ensuring reliable integration into channel management and orchestration workflows.

Software Development Engineer I

Aug 2023 – Apr 2024

Evertz India Pvt. Ltd.

Hybrid – Bangalore

- Developed redundancy and playout failover mechanisms, achieving 99.9% SLA adherence across deployments.
- Led multiple feature developments and provided cross-feature support, ensuring timely delivery and implementation quality.
- Resolved complex corner cases in the blue-green deployment system, improving rollback reliability and reducing failed releases by 100%.
- Developed reusable automation testing libraries using Pytest and Selenium, reducing test code redundancy and accelerating end-to-end test development for multiple services.

Software Development Engineer Intern

Feb 2023 – Aug 2023

Evertz India Pvt. Ltd.

Hybrid – Bangalore

- Developed AWS and Python-based components for the Channel Management service.
- Redesigned Step Functions workflow to reduce channel setup time by 3 minutes.
- Implemented blue-green deployment improvements, reducing failures from race conditions and corner cases by 80%.

PROJECTS

Poke Messenger

2022

Android - Java, Firebase, XML

Android Studio

- Full-stack Android app enabling real-time messaging using Firebase Cloud Messaging and Firestore. Handled 20k+ writes/day efficiently.

EDUCATION

Acharya Institute of Technology

Bangalore, Karnataka

B.E. in Computer Science, CGPA: 8.2/10

Aug 2019 – Jun 2023

TECHNICAL SKILLS

Programming Languages: Python (primary), Java, C/C++, JavaScript, Shell Scripting

Cloud & Infrastructure: Amazon Web Services (Lambda, EC2, DynamoDB, Step Functions, S3, IAM, CloudFormation, CloudWatch, Systems Manager, SQS)

Automation & CI/CD: GitHub Actions, Jenkins, Docker, Packer, AWS CLI, Pytest, Selenium

Monitoring & Observability: OpenTelemetry (OTel), Honeycomb, CloudWatch Metrics and Logs

Databases: DynamoDB, MySQL, Firestore

Developer Tools: Git, PyCharm, VS Code, Visual Studio, Android Studio