

Mohammed Khaja Nawaz

khajanawaz524@gmail.com | +91-6383402241 | github.com/Khaja-nawaz | linkedin.com/in/mohammedkhajanawaz

Skills

Languages: Python, SQL, Boto3, Bash Scripting

Technologies & Tools: AWS, IAM, EC2, S3, Lambda, VPC, Docker, Terraform, Linux, Kubernetes, Git/GitHub

Work Experience

NLT, Chennai

Jun 2024 - Jan 2025

Product Trainee

- Strategically managed programmatic ad campaigns across DSP and SSP platforms, achieving up to 30% improvement in ROI through data-driven optimizations.
- Continuously monitored campaign metrics (CTR, CPM, CVR) and implemented real-time adjustments, reducing cost per acquisition (CPA) by 25%.
- Designed high-converting, visually engaging creatives that increased user engagement and supported brand-consistent messaging.
- Meta Business Suite, Canva, and Figma, Ad Servers.

Ozaro Media Tech, Chennai

Oct 2022 - Dec 2022

Front-End Developer Intern

- Engineered a high-impact, responsive website for a product-based company, driving user engagement and brand presence.
- Collaborated in an agile, cross-functional team to craft a sleek, user-friendly interface aligned with business goals.
- Transformed design concepts into pixel-perfect front-end experiences using modern UI/UX best practices.
- Leveraged tools like Figma, HTML, CSS, and JavaScript to deliver a fast, intuitive, and scalable web solution.

Projects

• AWS Cloud Cost Optimization – Stale EBS Snapshot Cleanup:

Built an AWS Lambda function to automate the detection and deletion of unused EBS snapshots. It identifies snapshots not linked to any active EC2 instances or volumes, helping reduce storage costs by cleaning up stale resources.

• Secure Static Website Hosting on AWS:

Deployed a static website securely using AWS services by hosting assets in a private S3 bucket, serving content through an EC2 instance with Apache, and using IAM roles for secure S3 access without exposed credentials. Enabled CloudWatch monitoring for performance insights. This setup emphasizes best practices in cloud security, resource isolation, and scalable web hosting.

• S3 Backup Automation Script:

Developed a Python script that automates daily backups of local files/folders to an AWS S3 bucket at 11:05 AM. The script compresses files, uploads them to S3 using Boto3, and logs each backup with a timestamp. Scheduled via Windows Task Scheduler to ensure consistent, hands-free data protection against local system failures.

Awards and Certificates

- **Winner – FOSSEE Mapathon 2023, IIT Bombay** – Recognized for exceptional geospatial mapping and data accuracy.
- **Finalist – Design Odyssey UI Design Competition, E-Summit 2023, IIT Indore** – Selected among top UI designers for innovative and user-centric design solutions.
- **Participant – Google AI Campus Fest Hackathon** - Engaged in AI-driven problem solving and team-based prototyping.
- **Certified – AWS Cloud Practitioner**, awarded by Tech Mahindra Smart Academy.

Education

MSAJCE Chennai

B.E. in Computer Science and Engineering

Nov 2020 - Jun 2024

CGPA: 7.96/10

Relevant Coursework: Object Oriented Programming, Databases, Data Structures and Algorithms, Operating Systems, Computer Networks, Information Retrieval