

Babita Majumdar

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PROFESSIONAL SUMMARY

Software Engineer experienced in building scalable, cloud-native backend services using Node.js, Python, AWS Lambda, DynamoDB, AppSync, and Athena. Skilled in delivering reliable production APIs, improving system performance, and resolving complex issues across distributed systems. Strong collaborator with a focus on code quality, operational excellence, and building resilient services at scale.

SKILLS & INTERESTS

Skills: Node.js, C++, Python, Angular, React, AWS (Lambda, DynamoDB, AppSync), REST APIs, SQL/NoSQL, Git

Interests: Cloud Computing, Serverless Systems, Distributed Systems, Artificial Intelligence

WORK EXPERIENCE

Tata Consultancy Services (TCS)

Software Developer (ACO Team)

November 2024 - Present

- Developer for an advanced rebooking system managing complex flight changes and fare adjustments, with a strong focus on handling critical disruption scenarios.
- Developed robust rebooking automation leveraging Node.js and serverless architecture.
- Ensured system quality by actively utilizing Postman to test and validate user stories and API endpoints.
- Provided essential hypercare support post-deployment to maintain operational stability.
- Mentored and trained junior developers, enhancing overall team performance and knowledge transfer.

Software Developer (Innovation Team)

June 2023 - November 2024

- FreqEval: Reduced report processing time by 80%, enabling faster decision-making for network planning.
- MyAirline.com: Designed a personalized booking platform, boosting customer engagement.
- Event Scorer: Created a dynamic scoring app, improving event management efficiency by 25%.
- Loyalty Chat Bot: Enhanced customer support with a chatbot, cutting query resolution time.
- Contributed to frontend development using Angular across several Proof-of-Concepts (POCs) focused on innovation and efficiency.
- Successfully presented these systems to the leadership team, gaining buy-in for strategic initiatives.

Allsoft Solutions

Python Intern

February 2023 - April 2023

- Integrated pytsx3 for text-to-speech, speech_recognition for speech recognition, and various APIs for enhanced features.
- Collaborated with a team to develop a Python voice assistant application with extended functionalities like Google search, YouTube search, and music playback from files.
- Conducted research on APIs and best practices, ensuring smooth integration of search and music playback features.
- Documented the development process, fostering knowledge transfer and maintainability for future enhancements.

CERTIFICATION

- AWS Certified Cloud Practitioner
- AWS Certified AI Practitioner

EDUCATION

Shri Vaishnav Vidyapeeth Vishwavidyalaya

Indore, MP

*B-Tech in Computer Science and Engineering specialising in
Cloud and Mobile Computing (CGPA: 8.47)*

June 2023