

Babita Majumdar

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PROFESSIONAL SUMMARY

Software Engineer with 2+ years of experience developing cloud-native applications across backend and frontend stacks. Strong expertise in **Node.js, AWS serverless architecture, and REST APIs**, with hands-on experience in **Angular and React** for building user-facing features. Known for improving system performance, automating workflows, and delivering reliable production systems.

SKILLS & INTERESTS

Programming Languages: JavaScript (Node.js, Angular, React), Python, C++

Databases: SQL, NoSQL

Cloud & DevOps: AWS (Lambda, AppSync, S3, DynamoDB, CloudWatch, IAM, API gateway, SQS, SNS)

Tools & Technologies: REST APIs, Git, Postman, HTML, CSS

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.
- Validated APIs and user stories using Postman, ensuring reliability and production readiness.
- 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
- Designed and implemented both frontend (Angular) and backend (Node.js, AWS) components for POCs, improving efficiency and user engagement.
- Successfully presented these systems to the leadership team, gaining buy-in for strategic initiatives.

Allsoft Solutions

Python Intern

February 2023 - April 2023

- Integrated pyttsx3 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