Himanshu Singh

APPLICATION DEVELOPMENT ANALYST

8931917237 | himanshusinghvns343@gmail.com

Summary

Backend Developer with over 4 years of experience, specialized in Node.js, Express.js, RESTful APIs, and MongoDB. Having a good exposure on AWS services like Lambda, API Gateways, DynamoDB, Lex, etc. Proficient in building scalable, high-performance web applications with focus on reliability and efficiency. Skilled in collaborative problem-solving, delivering impactful projects on time. Committed to adopting best practices and innovative solutions to success.

Skills

Node.js, Express.js, MongoDB, Redis, REST APIs, JavaScript, AWS Lambda, DynamoDB, API Gateways, Amazon Transcribe, Amazon Polly, Generative AI, Amazon Bedrock (Llama, Anthropic).

Experience

Application Development Analyst | Accenture | Noida, IN   June 2022-Present

    1. **MDDOL (Maryland Department of Labor)**   June 2022-Present

- Designed and developed scalable microservices, enabling modular application development and better resource management.

- Implemented robust security protocols using JWT for user authentication

- Optimized database queries and designed schemas for Mongoose to ensure high performance and scalability.

- Monitored and improved the performance of backend services, reducing response time and enhancing user experience.

    2. **Pathfinder**   **Aug 2024-Present**

- Worked with AWS transcribe to automatically detect the input language of an interview / meetings and provide an English transcription of it.

- Worked with Bedrock model like LLMA3 and Claude to automatically detect speaker names based on some metadata and transcription.

- Designed a chat bot using Claude Sonnet, that has capability to chat with the transcription that are stored in S3 bucket.

3. Care Coach   May 2024 - Aug 2024

- Delivered a CSR coaching application powered by generative AI, developed on AWS stack, enhancing the training and evaluation processes, resulting in a 40% improvement in performance metrics.

- Worked with AWS lambda to write and keep backed code, and DynamoDB to store customer details and final score along with the strength and improvement.

- Used Amazon Transcribe and Polly to implement STT (Speech to Text) and TTS (Text to Speech).

Application Development Associate| Accenture | Noida, IN   Nov 2020 - June 2022

1. MDDOL (Maryland Department of Labor)

- Designed, trained and optimized conversational bots on AWS Lex to handle complex user interactions and improve customer experience.

- Developed and maintained backend routes, ensuring efficient communication between frontend and backend system.

- Created reusable middleware for tasks like logging, validation, and error handling to streamline application process.

- Built and tested RESTful APIs, enabling seamless integration with external systems and enhancing application functionality.

Achievements and Certifications

- AWS Certified Developer – Associate
- Received ACE Award for Outstanding Performance, Accenture (FY24 Q2)
- Received iChamp Award, Accenture (April 2024)

Education

GLA University, Mathura   **2016 - 2020**
Bachelor of Technology, Computer Science and Engineering.