Yuvanshu

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- yuvanshugargashya.github.io/portfolio

PROFESSIONAL SKILLS

- **Language** – Java , JavaScript , Typescript , SQL , Dart
- **Frameworks/Tools**- Angular , React ,Next.js , Nest js , Java Spring boot , Node.js , Flutter, PowerBI , Microsoft Fabric , Terraform , SAM(Serverless Application Model)
- **Databases**- MySQL , PostgreSQL , Firebase
- **Cloud**- AWS , Azure

Summary

Innovative and results-driven Software Engineer with deep expertise in Full-Stack development along with Mobile App development, specializing in Angular, React, Next.js, NestJS, Node.js, Flutter, and Java Spring Boot. Skilled in architecting and deploying scalable, event-driven systems on AWS, leveraging services like SQS, SNS, and Lambda for seamless automation and lifecycle management. Proficient in database optimization with MySQL and designing high performance cloud-native applications. Experienced in integrating real-time communication platforms such as Azure Communication Services (ACS), VAPI AI and Twilio and Amazon Connect, alongside robust authentication systems including Azure Entra ID, AWS Cognito, and Google. Passionate about building secure, efficient, and cutting-edge software solutions that enhance user experiences and drive business success. Additionally experienced in data analytics and visualization, with strong command over Power BI and Microsoft Fabric, enabling insight-driven decision-making and operational intelligence.

WORK EXPERIENCE

Knowledge Excel Pvt. Ltd.- *Delhi*   03/2025- PRESENT **(Sr. Executive Software Engineer)**

At my current company, I continue to work as Sr. Full Stack Developer, expanding my expertise into Flutter for mobile app development alongside web technologies like React, and NestJS. I've implemented and integrated communication tool Amazon Connect for automated voice connect. Additionally, I designed and developed a Vapi-powered Scheduler SaaS platform, enabling dynamic voice campaign automation integrated with external systems via configurable APIs. This platform supports tenant-based cohort selection, assistant tool configuration, and intelligent call routing, significantly improving operational efficiency and scalability for enterprise use cases.

Indoqubix Cloudtech Pvt. Ltd.- *Noida*   01/2024 – 03/2025 **(Associate Software Engineer)**

I have been an integral part of my company as a Full Stack Developer, expertly managing both frontend and backend responsibilities. Leveraging Angular, React, Next.js, and NestJS for frontend development and Java Spring Boot and Node.js for backend solutions, I have designed and optimized scalable, high-performance applications. My expertise extends to SQL, PostgreSQL, and MySQL, ensuring efficient database integration. Additionally, I have implemented event-driven architectures using MQTT and AWS services like SQS and SNS, enhancing system scalability and reliability. I have also integrated communication services such as Azure Communication Services (ACS) and Twilio, while securing applications with Azure Entra ID, AWS Cognito, and Google authentication.

EDUCATION

JC Bose University, YMCA Faridabad	*8.12 CGPA*
BTech Information Technology (08/2020-05/2024)	
SPS International	*95%*
12th (04/2019-04/2020)	
SPS International	*90.04%*
10th (04/2017-04/2018)	

Projects

Voice Automation Scheduler SAAS Platform

- Spearheaded the creation of VapiCall, a multi-tenant SaaS platform that automates outbound voice campaigns using the Vapi AI voice assistant. The system supports dynamic cohort selection via APIs or file uploads, assistant tool integration, and custom campaign configuration per tenant. It enables EHRs and enterprise systems to plug into intelligent, scalable voice workflows without manual intervention.
- **Technologies used** – React , Nest, VAPI AI , Postgresql , AWS

EHR Portal

- In this project , I am pivotal in the development of a USA-based EHR portal specializing in electronic patient management, enrollment, appointments, tasks, and care plans. Additionally, I successfully implemented a robust authentication module, code driven cloud architecture , communication module enabling secure messaging, voice calls, group calls, and advanced features like call forwarding, enhancing patient care and operational efficiency
- **Technologies used** – Angular ,React , Nest, Java Spring Boot , MySQL , AWS ,Swagger

Microservices Events Management

- Implemented queue-based lifecycle management with MQTT to ensure reliable event delivery, optimize message flow, and enhance system resilience in cloud-native applications and different microservices
- **Technologies used** – Next js , Java spring boot , MQTT , AWS

Sales Forecasting and Analytics Platform

- A business intelligence solution built for a US-based client to forecast product-level sales and revenue using historical trends and advanced analytics. The platform utilizes Microsoft Fabric for data integration, transformation, and warehousing, along with Power BI for interactive dashboards. The solution enables sales teams to make data-driven decisions with improved demand visibility and forecasting accuracy

- **Technologies used** –Microsoft Fabric , Power BI ,Notebooks , Python , Machine Learning

AWARDS AND HONORS

Outstanding Performance in Company – *Indoqubix Cloudtech*

- I was honored with my excellence in performance award for my outstanding performance in our project