SANKET CHAVAN

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Summary

Result-oriented Software Engineer with 3+ years of experience specializing in backend development using Node.js (Express/Nest), TypeScript, Azure and AWS. Skilled in architecting scalable APIs, integrating third-party services, and building cloud-native solutions with CosmosDB, PostgreSQL, Redis, and Serverless. Demonstrated success in building high-impact systems in healthcare, talent acquisition, and supply chain management.

Education

Pimpri Chinchwad College of Engineering and Research   **2022**
B.E. in Electronics and Telecommunication Engineering   *Pune | CGPA: 8.68*

Experience

Emergys Solutions Pvt. Ltd.   **April 2024 – Present**
Consultant   *Pune, India*
- Developed backend services for a supplier research and procurement intelligence platform, including RFQ and RFP workflow management.
- Built REST APIs for managing user dashboards, widgets, KPIs, and alerts using Express.js.
- Implemented **role-based access control** and user authentication workflows.
- Created aggregation logic and reporting dashboards using **Azure Cosmos DB**.
- Instrumented backend with **Azure Application Insights** for monitoring and diagnostics.
- Built **Azure Function Apps** to serve data and alerts for real-time dashboards.
- Used Swagger to document APIs and Postman , Hoppscotch for testing across staging environments.
- Designed and integrated Datamyne third-party API workflow for global supplier research and reporting automation.
- Integrated a conversational AI chatbot agent using **CopilotKit** with **Langraph** for internal support and automation workflows.
- Implemented Excel file upload with validations and uploaded files to Azure Data Lake Storage (**ADLS**) using secure pipelines.
- Collaborated in Agile teams, conducted code reviews, wrote unit tests, and played a key role in refactoring code structure to enhance optimization and overall code quality

Coditas Technologies   **July 2022 – April 2024**
Software Engineer   *Pune, India*
- Built scalable backend services using Node.js, Express.js, and Nest.js across multiple projects, applying SOLID principles and clean architecture.
- Developed end-to-end Google Auth microservice for platform login using **OAuth2** and **JWT** for secure token-based authentication.
- Led integration of **WebSockets** and WhatsApp APIs for real-time messaging in a talent acquisition platform.
- Developed **Google Chat** API integration to notify users of achievements in a rewards platform.
- Designed and implemented scheduled email notifications using **Cron Jobs** and **AWS SES**.
- Managed file storage of prescriptions and receipts with **AWS S3**; used pre-signed URLs for secure access.
- Handled complex data models in **DynamoDB** and PostgreSQL using TypeORM and Sequelize.
- Built and deployed serverless functions on **AWS Lambda** for low-latency API responses.
- Utilized **GraphQL** to optimize frontend-backend data exchange and reduce API response sizes.
- Integrated **Google Calendar APIs** for lecture scheduling and **Zoho APIs** for employee data sync on learning platform.

Technical Skills

Languages: TypeScript, JavaScript
Backend: Node.js, Express.js, Nest.js
Databases: PostgreSQL, MongoDB, Redis, DynamoDB, Azure Cosmos DB
ORMs: TypeORM, Sequelize
Cloud & Tools: AWS (Lambda, S3, DynamoDB), Azure (Function App, Application Insights, Data Lake Storage), Serverless, GraphQL, Git, WebSockets, REST APIs
Integrations: Google APIs (Calendar, Chat), WhatsApp, Zoho, Email Services, Datamyne, CopilotKit