Amit .S. Shanbhag

Full Stack Developer / MEAN Stack Developer

Seasoned, forward-looking **Full Stack Developer** with **5+ years'** background in **creating and executing** innovative **software solutions** to **enhance business productivity** . Highly experienced in all aspects of **SDLC and end-to-end delivery** . Consistently recognized as a **hands-on and competent individual** , skilled at **coordinating with teams** in a fast-paced deadline-driven environment to **steer timely project completion** .

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SKILLS

Node Js　ExpressJS　NestJS　Angular 10+　ReactJS　NextJS　MySQL　MongoDB　GraphQL　Kafka　Redis　HTML5　CSS　Javascript　TypeScript　Bootstrap　Python　Go Lang　SQL　Mocha Chai　Jasmine & Karma　Jest　Git　Docker & Kubernetes (Basics)　Gitlab (CI/CD)　Microservices　AWS S3, DynamoDB & RDS　AWS Lamda & Step Functions

WORK EXPERIENCE

Technical Lead - 1
CitiusTech Healthcare Technology Private Limited

11/2022 - Present
Client : Javara & Genentech (Roche Group)

Achievements/Tasks

- Successfully **migrated** the **application** to the R-Design system, **improving UI/UX, increasing user satisfaction by 40%**, and **reducing** design-related **development time by 20%. Migrated** the system from **Jira to ServiceNow API** , enabling **seamless vendor-switching** with **minimal code changes**.
- Led **strategic development & successful implementation** of an intuitive **UI Campaign Publishing Module** , resulting in a remarkable **60% reduction in time**.
- **Optimized API** performance by **refining SQL queries** , greatly reducing **response times** from several **minutes to seconds** & enhancing user experience.
- **Spearheaded** TechX **project creation** in **Git activity module** to enhance UX & functionality. Also **integrated AI chatbot** using **Amazon Q Biz** for the portal.
- Implemented **auto-refresh functionality** in the **Project Module**, providing **real-time data updates** for **improved efficiency and accuracy**.
- Creating a **flexible user interface** for the application & helped in **designing & implementing** a system **of multitenancy** for various **tenants.**
- Implemented a **configurable granular access control** system to manage **secure & efficient** user **permissions** across **multiple levels** in the application.
- Successfully **delivered** a Proof of Concept (**POC**) to the client **on micro-frontend architecture** using **Webpack Module Federation**, demonstrating **seamless state management** and a **shared library** across multiple micro-frontends to ensure **efficient communication** and **reusability**.
- Conducted **peer code reviews** , **improving coding standards** through **constructive feedback** & **Mentored the team** in resolving technical issues. **Wrote comprehensive unit test cases** for frontend & backend by **ensuring robust quality & minimizing bugs** . Also **participated** in **vulnerability fixes**.

Software Engineer
Hexaware Technologies Pvt Ltd

06/2022 - 11/2022　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　*Mumbai, India*
Client : Mahindra Logistics (MLL)

Achievements/Tasks

- Engaged in the development of consumer-facing product utilized by multiple clients for **warehouse management** with **reducing 70% of paper work**.
- Responsible for **revamping some code logic** and **handling user authentication** using JSON Web Tokens, also **improved API latency** from **~3s to ~200ms**.
- Developed **performance-driven REST API's** with successful implementation of a **utility for seamless email alert delivery** improving application UX.
- Designed and **developed automated jobs** to facilitate **seamless transfer of CSV files** between the MLL **SFTP server and the database**.

Assistant Manager (Full Stack Developer)
Jio Plaforms Limited

07/2019 - 06/2022　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　*Mumbai, India*
Achievements/Tasks

- Developed a diverse range of **in-house and external-facing products**, **incorporating** various **modern client** and **server-side frameworks**.
- Embraced the principles of **microservices** and **micro-frontend architecture** , effectively leveraging the **angular library approach** to avoid dependency.
- Practiced **agile development methodologies** within a large engineering scrum team, consistently **meeting sprint targets** and **delivering on time.**
- Developed **interfaces** for seamless **communication** between **SAP and Node JS** , ensuring synchronized master data with **improved data accuracy by 70%.**
- Successfully developed **on-demand Excel and PDF download** functionality to enhance the reporting capabilities.
- **Eliminated conventional behaviour** & Developed one click **order / contract creation automated workflows** which saved time from **days to hours** .

PROJECTS

1) UBER Crowdsourcing Portal - Roche Group (Genentech) (07/2023 - Present)
- **Project Description:** This is a crowdsourcing component of **Roche's internal PHC Data Science Platform** . This system allows our **PHC Oncology and Ophthalmology teams** to engage experts worldwide on-demand for short-term project commitments rapidly **focused on abstraction, translation, and annotation** .
- **Technologies:** Angular , NodeJs, Express , Redis, MySQL, MongoDB, AWS S3, Gitlab CI/CD, Third Party Services (HealthMyne / Flywheel), Guacamole Server.

2) Apollo , Ocean & Trace (Collaboration Portals) - Roche Group (Genentech) (02/2023 - Present)
- **Project Description:** *Apollo, Ocean & Trace (Non-AD)* , an end-to-end platform at Roche, to construct innovative data products by **proficiently ingesting and curating** large multimodal datasets. Proven ability to enhance **scientific analysis and collaboration** for **targeted treatment** initiatives.
- **Technologies:** Angular , NodeJs, Express, GraphQL (POC), MongoDB, AWS S3, Gitlab CI/CD, Keycloak, Cookie Cutter.

3) Patient Data Retrieval Application - (Javara) (11/2022 - 02/2023)
- **Project Description:** This portal has been implemented as a POC with the aim of **securely identifying and deidentifying patient data.** By migrating encrypted data to a database, the system effectively mitigates the risk of data misuse.
- **Technologies:** ReactJS, NodeJs , NestJS, AWS DynamoDB, Gitlab CI/CD.

4) Warehouse Management System (06/2022 - 11/2022)
- **Project Description:** WMS encompasses **key modules,** including **Master Data Management, Inbound/Outbound, and Report Management** . This integrated solution is designed to **streamline** the end-to-end **warehouse process,** effectively reducing paperwork and optimizing tasks ranging from **packing and storage to delivery.**
- **Technologies:** Angular , NodeJs , Express, Redis, MySQL , JWT, SFTP Server Communication, Ubuntu, IIS Manager.

5) JIOCRM Suite / Customer First (11/2021 - 06/2022)
- **Project Description:** The Suite consists of **three core modules , Internet & Intranet Sales** Module, **Complaints & Returns** Module, and **Marketing** Module.
- **Technologies:** Angular, NodeJs, Express, MySQL, MongoDB, Redis, Kafka, WSO2, Odata, Azure Devops.

6) People First (HRMS Platform) (05/2021 - 11/2021)
- **Project Description:** Comprehensive **access to various HR services** including Leave & Attendance, Payroll, Retirals, Self Services, Reimbursements & more. Our platform caters to a **vast user base** of **over 200,000 individuals on Playstore and the Web.**
- **Technologies:** Angular, NodeJs, Express, Flutter, MySQL, Mongo DB, Redis, Kafka, Azure Devops.

7) Enterprise Data Center 360 Degree (01/2021 - 04/2021)
- **Project Description: Data Centre Management Portal** for managing multiple **Cluster IPs , Hardware Inventory , Master Data , Ticket Generation & File Store** . Also Integrated Reliance - Owned RFLOW Application for approval process.
- **Technologies:** Angular, NodeJs, Express, MySQL, WSO2, Azure Devops.

8) Central User Onboarding Portal (10/2019 - 02/2020)
- **Project Description:** User-friendly portal that **streamlined** the **onboarding process** for **agents, customers, and non-domain employees** .
- **Technologies:** Angular, NodeJs, Express, MySQL, ChartJS , WSO2, Azure Devops.

CERTIFICATES

NestJS - The Complete Guide
Udemy Certificate

AWS - Certified Developer Associate (DVA - C02)
Udemy Certification / Pluralsight (Corporate Training)

PERSONAL PROJECTS

POC - Node Js Application Scaling (01/2021 - 04/2021)
Locally using Cluster & OS Module plus got to know about PM2 Manager

POC - CI / CD using AWS (06/2022 - 10/2022)
AWS EC2 Instances , Jenkins , Github , Docker & Kubernetes to develop end to end Integration & Deployment lifecycle

Task Management Application API's using Nest JS
 (06/2022 - 08/2022)
Using Nest JS Framework for API Development . Used TypeORM & Postgres

POC - REST API Development Using GO (Gin Framework)
 (03/2024 - 04/2024)
Used Go Lang (Gin Framework) to develop CRUD Operations with SQL-Lite DB

EDUCATION

Bachelor Of Engineering In Electronics & Telecommunication
Vidyalankar Institute Of Technology
06/2016 - 05/2019   *Mumbai, INDIA*

Diploma In Electronics & Telecommunication
Vidyalankar Polytechnic
06/2013 - 05/2016   *Mumbai, INDIA*