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Profile Summary

As a seasoned Senior Software Engineer with **5+ years** of hands-on experience across the software development lifecycle. Specializes in designing and implementing innovative solutions using NodeJs, ExpressJs, NestJs, Django, Ruby on Rails, Laravel as strong back-end frameworks and React, NextJs, Angular, React Native as front-end techs. Experienced in **database design, API development, and system architecture**. Proficient in system administration, implementing TDD, and deploying scalable applications on AWS and Heroku.

In my past experience, I have delivered **10+ projects** as a senior engineer as well as a team member. Proven team leader, adept at managing and mentoring cross-functional teams to create a collaborative and innovative work environment. Experienced in project management, with a focus on Agile methodologies. Recognized for analytical thinking and creative problem-solving, with a dedication to continuous learning and skill enhancement.

Work Experience

Senior Software Engineer | Full Stack Developer

2023-Present

Dealty (Arizona, USA - Remote)

- Led the development of a **MERN** stack application, integrating GraphQL with Apollo Client to build robust, scalable web applications.
- Architected a microservices based backend using **NestJS**, deploying services using **Docker** and AWS services like ECR, ECS, S3, EC2 for high availability and resilience.
- Utilized **Redis** for caching strategies, optimized data retrieval, reducing query time by **30%**. and enhancing application performance.
- Implemented **CI/CD pipelines** using Terraform and GitHub Actions, ensuring automated, reliable, and smooth deployments on AWS.
- Developed a high-performance Real Estate platform using **NextJs** and **Redux**, enabling dynamic and responsive user experiences across all devices.
- Integrated Web Sockets for real-time communication within the application, ensuring seamless interaction for users.
- Conducted extensive testing using Jest and Cypress, maintaining high code coverage and ensuring the robustness of the application.
- Integrated payment processing via **Stripe**, ensuring secure transactions and compliance with industry standards.

Software Engineer | Full Stack Developer

2021-2023

Devsinc (San Francisco, USA - Remote)

- In this tenure successfully delivered **5+** application with production ready environment.
- Responsible for the migration of a monolithic application to a microservices architecture using RoR, NestJS, and Django, resulting in improved scalability, performance, and maintainability.

- Developed and maintained a comprehensive **CI/CD** pipeline using **Terraform** and AWS CodePipeline, enabling automated deployments across multiple environments.
- Architected and implemented backend services using Python and RoR, leveraging Postgres databases for data storage, and Redis for caching to enhance data retrieval performance.
- Designed and developed the frontend using **Reactjs**, **Nextjs**, and redux tool kit to build responsive, user-friendly interfaces, ensuring a seamless experience across web and mobile platforms.
- Implemented state management using Recoil, Context API and **Redux tool kit**, managing complex application states and improving performance.
- Deployed scalable backend services using Docker and managed containers across **AWS** services for efficient resource utilization.
- Utilized **Swagger** for proper API documentation.
- Implemented webhooks to streamline communication between services, ensuring smooth integration and data synchronization.
- Implemented payment integration using **Stripe**, **Braintree** and **PayPal**, facilitating secure and reliable payment processing for the application.
- Implemented robust testing frameworks using React Testing Library, **Jest** to ensure the stability and reliability of the application.
- Managed the deployment of the mobile version using React Native and published the app on both Apple App Store and Google Play Store.

Software Engineer | Mobile Application Developer

2019-2021

Tecjaunt

- Developed and implemented mobile and web applications using frameworks such as Swift, **React Native**, Reactjs, and Laravel, NodeJs, ExpressJs for backend APIs.
- Deployed web applications on **Heroku** and handled the entire deployment process through pipelines. Maintaining staging and production environments.
- Deployed mobile applications on **Apple App Store** and **Google Play Store**.
- Design front end user interfaces, ensuring a seamless and intuitive user experience using Reactjs, React Native and SwiftUI.
- Managed backend services, ensuring efficient communication between the front end and server side components using Laravel and **Expressjs**.
- Successfully deployed 4 diverse applications, including SaaS platforms, mobile utilities, and customer-facing web applications, each tailored to meet specific business needs.

Education

Bachelors in Computer Science

2018-2022

Comsats University Islamabad

Skills

Web & Mobile Development



Node Expressjs Nest JS Reactjs & React Native Angular 2
 Next.js & Redux
 Ruby on Rails (5.2 and 6.0)
 Django 2.0 Laravel 8.16
 API Development Swagger and Testing

Database skills



ERD modelling
Postgresql, MySQL, SQL Server 2019 MongoDB 4.0 (NoSQL)
ORMs - Sequelize, TypeORM, Prisma

Deployment & Cloud Platforms



AWS (ECR, ECS, EC2, S3, ELB, RDS, Cloudfront, CodePipeline, Amplify, DynamoDB, Cognito User Pool, Route53)
Heroku

Project Management



Requirements Elicitation Model
Agile Scrum SDLC Model
Small to Large Scale Project Execution Remote Team Building and Communication Documentation and Client Management (PRDs, Tickets, Diagrams)

Programming Languages & Frameworks



Ruby, Python, JavaScript, Typescript, Java, C# C, C++, Visual Basic
HTML, CSS, jQuery, Bootstrap
NodeJs, ExpressJs, NestJs, ReactJs, NextJs
Django, Laravel, Rails

ML Algorithms & Tools



Supervised, Unsupervised
Reinforcement Learning
Decision Tree, Random Forest, SVM, KNN
Neural Networks, Perceptron Classification and Regression Numpy, Scipy, Pandas, Sklearn, Keras Tensorflow

Networking & Environments



Working with Windows 7,8,10
MacOS, Ubuntu Linux
Visual Studio, Microsoft SQL Server, XCode, Microsoft Excel, Android studio,
Jira, Clickup, Notion