Swapnil Patil

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Experience

Xanagar's Solutions Pvt Ltd   June 2021 – August 2022
Software Developement Engineer   *Pune, Maharashtra*

- Architected Cloud Migration Strategies: Spearheaded the cloud migration of a KYC application, transitioning from monolithic architecture to a robust microservices ecosystem using Java and Spring Boot, significantly enhancing scalability and maintainability on AWS using AWS Elastic Beanstalk.
- Full-Stack Development and Digital Integration: Engineered and deployed a React-based Single-Page Application (SPA) to optimize digital workflows for KYC processing, resulting in improved user experience and system efficiency.
- Agile Development and CI/CD Implementation: Optimized the software development lifecycle by implementing GitHub Actions for continuous integration and delivery (CI/CD), significantly reducing deployment times and enhancing collaboration within Agile teams.
- Collaborative Project Mgmt: Hosted and facilitated technical meetings to drive task progress, resolve technical challenges, and promote effective collaboration between cross-functional onsite and offshore teams within an Agile framework.

eMsys Solutions Pvt Ltd   December 2020 – May 2021
Front-End/Web Developer Intern   *Pune, Maharashtra*

- Front-End Development and UI/UX Design: Designed and implemented user interfaces for Dealer Management and Customer Relationship Management applications using Angular, HTML, CSS, and JavaScript. Focused on creating intuitive, responsive designs to enhance user satisfaction and experience.
- API Integration and Testing: Collaborated with back-end developers to integrate RESTful APIs, ensuring seamless data flow and interactivity. Conducted thorough integration testing to maintain software reliability and performance.

Bajaj Allianz Life Insurance Pvt Ltd   June 2017 – December 2020
Software Developer   *Pune, Maharashtra*

- Modernized DMS & Logistics (Spring Boot, Angular): Increased efficiency 20% by migrating legacy apps to Spring Boot with REST APIs and Angular UI.
- Built Customer Policy Tracker: Streamlined workflows & reduced processing time 15% with a new policy tracking app.
- Oracle (PL/SQL) and Postman Expertise: Created complex PL/SQL packages, procedures, triggers, and schedulers; developed REST APIs using Spring Boot based on these PL/SQL procedures and rigorously tested them using Postman to ensure seamless functionality and integration.
- Championed Enhanced Fraud Detection with TransUnion API: Collaborated with TransUnion to integrate their API, taking ownership of improving application security and preventing 30% of fraudulent policy purchases.
- User Experience and Interface Design: Reengineered a complex user interface using HTML, CSS, Bootstrap, jQuery, and JavaScript, resulting in an 80% increase in user satisfaction by enhancing usability and responsiveness.

Projects

Recipe Shop | Website

- Developed a Web application using Angular 13.0 & TypeScript for managing the whole front-end with various services implemented along with back-end using Firebase API's for Authentication, storing and retrieval of customer data.

FurniFind | *ASP.NET, Angular, SQL, Microsoft Azure*

- Created FurniFind: Web application simplifying furniture search for university students
- Implemented real-time location tracking, search filters, and user reviews for enhanced usability.

Technical Skills

Programming Languages: Java (Experienced), Python, C# (Experienced), JavaScript (Experienced).
Web Development: HTML, CSS, React, Angular 9.0, Bootstrap 3.0, Node.JS, TypeScript, AJAX, jQuery, XML, JSON
Technologies/Frameworks: Spring Boot, ASP.NET MVC 5.0, Rest/Soap Web APIs, Git, GitHub, Docker, Jenkins
Databases: MySQL, PL/SQL, MongoDB, Oracle DB, DynamoDB.
Platforms: AWS, Microsoft Azure, RedHat Linux, Ubuntu, Fedora, Windows Server 2008/R2 – 2016.

Area of Expertise

- Cloud Architectures & DevOps
- Database Mgmt & Optimization
- Microservices & API Development
- Agile & Project Leadership
- Full-Stack Development
- User Experience & Interface Design

Education

University of Texas, Arlington   Aug. 2022 – May 2024
Master of Science in Computer Science   *Arlington, Texas*

- Data Structures, Design and Analysis of Algorithms, Object Oriented Programming, Cloud Computing, Machine Learning

Savitribai Phule Pune University   Aug. 2012 – May 2016
Bachelor of Engineering in Computer Science   *Pune, MH*

- Data Structures & Problem Solving, Design & Analysis of Algorithms, Principles of Concurrent & Distributed Programming