

Rohit Padwal

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✦ SUMMARY

- I am a skilled software development professional with 3 years of experience in software design, development, and integration. Proficient in developing systems for diverse business sectors and a detail-oriented, analytical problem-solver, focused on enhancing user experience.

📁 PROFESSIONAL WORK EXPERIENCE

Software Engineer Intern *Ipsier Labs LLC*

Mountain View, CA, USA
Sep 2023 to Current

- Executed strategic improvements to Java and React-based e-commerce application, resulting in a 25% reduction in page load times.

Software Engineering Researcher *The University of Texas at Arlington*

Arlington, TX, USA
Jul 2023 to Aug 2023

- Conducted in-depth research and analysis on AWS cloud computing services and solutions, driving innovation in projects & solutions.

Software Engineer Intern *RepairSmith by AutoNation*

Los Angeles, CA, USA
Jun 2022 to Aug 2022

- Researched project performance optimization in GitLab CI/CD pipeline while adapting Groovy, resulting in a 10% improvement in CRM.
- Designed and implemented an architecture using design patterns with scalability that improved system performance by 10% while enhancing security measures to mitigate potential threats, resulting in performance improvement while implementing end-to-end project management.
- Pioneered Agile methodologies with an 8-person team, integrating Docker for containerization, resulting in a 30% reduction in deployment.

Senior Software Engineer *Infosys Limited - FedEx*

Pune, MH, India
Dec 2019 to Jul 2021

- Led a team of 3 developers, managing end-to-end SDLC and delivering 2 critical projects within scope, while programming in Java (Spring Boot, microservices), Angular, React to rectify & enhance applications, resulting in a 20% improvement in application stability & performance.
- Reduced cross functional requirement time by 10% through communication with FedEx stakeholders, impacted in securing new projects.
- Engineered deployment using Docker, Kubernetes, AWS, and Jenkins, stabilizing client's UI perfectly, reducing deployment ops time by 30%.

Software Engineer *Product Dossier Solutions India Pvt Ltd*

Pune, MH, India
May 2018 to Jun 2019

- Implemented Java-Spring, Python-flask, & Angular for debugging, business logic, and troubleshooting for Project Management ERP Software as a full-stack developer in software development life cycle, yielding bug fixing, reliability and overall performance of software by 20%.
- Utilized Java to develop enhancements, achieving a 5% reduction in data processing and integration with external systems, agile team member.
- Enabled the development of an internal tool using Microservices, resulting in a 15% a scalable enhancement and resource utilization.

🔧 SKILLS

- Programming Languages:** Java, J2EE, Python, PHP, C#, C, C++, Swift
- Database and Cloud:** SQL, PostgreSQL, Oracle, MySQL, NoSQL, AWS, Microsoft Azure, GCP
- Web Applications/Technologies:** Angular, React, Html5, CSS3, JavaScript, JSP, Node.js, Bootstrap, Typescript, JSON, AJAX, jQuery
- Operating Systems:** Windows, Linux, Unix, Ubuntu, macOS, iOS, Android
- Packages & Tools:** Jira, Git, Maven, Kafka, JUnit, Spring Boot 4, Docker, Kubernetes, REST API, Flask, Eclipse, Visual Studio Code, Tomcat, Karma, Jasmine, Mockito, Agile Methodology, MS Office, Jenkins, Struts, Material UI, Postman, SonarLint, Swagger, IntelliJ IDEA, NPM, Webpack, SonarQube, RPA, SDLC, Spock, Hibernate, Redis, Spark, OAuth, Gradle

🎓 EDUCATION

The University of Texas at Arlington

Arlington, TX, USA
May 2023

Master of Science in Computer Science - (3.9/4)

- Web development, Cloud Computing, Software engineering, Database, and Distributed Systems

Savitribai Phule Pune University

Pune, MH, India
July 2017

Bachelor of Engineering in Computer Engineering

- Algorithm design, Data structures, Object-Oriented and reactive programming

🚀 PROJECTS+

Nudges Template Configurator (Java, Spring Boot, Angular 10, REST, SQL, Docker, Kubernetes, AWS, EC2,S3,Lambda) Apr2020 to Jul 2021

- Launched a user-friendly UI to configure and display digital nudges on respective websites, Outlook, and mobile using Angular 8, resulting in a 30% increase in engagement and conversion rates. Implementation of Angular 10 resulted in a 30% improvement in page load time.

Weather Analysis Dashboard (Python, SQL, Azure, Azure data studio, Flask, Docker)

May 2022 to Aug 2022

- Leveraged Azure and Azure Data Studio to efficiently manage and query large datasets, achieving a 40% reduction in query response time compared to previous methods, while implementing a data preprocessing algorithm that cleansed and standardized raw weather data.

Lunamar: Real Estate Controller (React, PHP, Laravel, Oracle, GCP)

Aug 2021 to Dec 2021

- Increased user engagement by 40% through a responsive design and optimized user experience, leading to higher conversion rates, and constructed a robust back-end using PHP & Laravel framework to handle data retrieval and provide RESTful APIs with recommendation algo.

SolGram: Grammar Fuzzer for Ethereum Smart Contracts (Python, Angular, JavaScript, ANTLR, Solidity, GCP)

Aug 2022 to Dec 2022

- Invented grammar-based fuzzing & linting for solidity programming language applying Angular as frontend and ANTLR library, reducing difficulty for existing IDE, and solidity developers impacting in ease of developing smart contracts, with help of lexer and parser algorithms.

🏆 CERTIFICATIONS

- Infosys Global Agile developer
- JP Morgan & Chase Software Eng Virtual Exp
- JP Morgan & Chase Agile Virtual Exp