



JASKARN JAGPAL

SENIOR SOFTWARE ENGINEER



CONTACTS



+15308450190



@jaskarn@jjagpal.me



<https://www.linkedin.com/in/jaskarn-jagpal>



Yuba City, CA 95991



SUMMARY

Innovative Full Stack Software Engineer with 10+ years of experience in full-stack development, specializing in creating scalable enterprise solutions. Proven track record of improving system performance, implementing cutting-edge technologies, and driving digital transformation through robust software architecture and strategic technology integration.



KEY ACHIEVEMENTS

- **System Reliability Enhancement**

Increased system reliability by 30% using comprehensive testing strategy.

- **Order Processing Optimization**

Reduced order processing time by over 90% through new API system.

- **Code Modularity Improvement**

Improved code maintainability by 40% with modernized application architecture.

- **Deployment Frequency Boost**

Streamlined CI/CD pipeline, achieving 30% increase in deployment frequency.



EXPERIENCE

First Call Systems

Citrus Heights, CA

Lead Full Stack Software Engineer

07/2018 - 10/2024

- Orchestrated a comprehensive database migration from Derby to MySQL, resulting in a 25% reduction in system deployment time and enhanced database management capabilities
- Led the development of an API-driven medication ordering system that dramatically reduced order processing time by over 90% while implementing advanced patient data tracking mechanisms
- Improved patient care documentation standardization by 15% by implementing enterprise-wide nursing visit notes system
- Modernized application architecture using Spring Framework and Hibernate, achieving a 40% improvement in code modularity and maintainability
- Achieved a 30% increase in deployment frequency by streamlining the CI/CD pipeline and automating manual processes
- Led a team of 5 engineers working on simultaneous projects, each averaging 200 hours of development
- Enhanced system reliability by 30% by executing comprehensive testing strategies using JUnit and Selenium

DK Web Design

Chico, CA

Software Developer

09/2017 - 02/2020

- Developed cross-platform mobile applications for iOS and Android using Java and modern mobile development frameworks
- Constructed responsive, dynamic websites using full-stack technologies including HTML, CSS, JavaScript, PHP, and REST API integrations
- Customized e-commerce platforms on WordPress and Shopify, implementing tailored themes, plugins, and secure payment gateway solutions
- Led database design and optimization using MySQL, creating high-performance schemas for web applications
- Implemented automated testing protocols with Selenium, reducing manual testing overhead and accelerating development cycles
- Collaborated using Agile methodologies and advanced version control techniques with Git

Centene

Rancho Cordova, CA

Cybersecurity Analyst

05/2017 - 09/2017

- Monitored enterprise security events using advanced SIEM tools, proactively identifying and mitigating potential cybersecurity threats
- Developed comprehensive incident response strategies adhering to NIST and ISO 27001 security standards
- Conducted thorough vulnerability assessments and implemented strategic security patches
- Investigated and neutralized high-priority security incidents, including brute-force attacks and potential data exfiltration attempts



EDUCATION

Sacramento State University

Sacramento, CA

Bachelor of Science in Computer Science

United States

08/2013 - 05/2017



SKILLS

Technical Skills

Java · Python · C++ · JavaScript ·
TypeScript · PHP · Bash · React ·
Angular · HTML · CSS · SASS · Node.js ·
Django · Spring Boot · RESTful APIs ·
MySQL · PostgreSQL · SQL Server ·
MongoDB · Relational Databases ·
AWS · Google Cloud · Jenkins ·
Hibernate · Spring · GitHub Actions ·
Docker · Kubernetes · MVC ·
Microservices Architecture ·
Performance Optimization · JUnit ·
Selenium · Git · CI/CD · GitHub ·
Scrum · iOS Development ·
Android Development ·
Automated Testing · JUnit ·
Documentation · API Guides ·
Code Reviews · CMS ·
Agile Development · Linux · Windows ·
Wireframes · Design Patterns ·
Prompt Engineering

Soft Skills

Technical Leadership and Team
Management ·
Effective Communication ·
Strategic Problem Solving ·
Time Management and Prioritization ·
Mentoring and Technical Coaching



FIND ME ONLINE

- **LinkedIn**

<https://www.linkedin.com/in/jaskarn-jagpal>

- **GitHub**

<https://github.com/jaskarn78>



EDUCATION

Yuba Community College

Natural Sciences and Mathematics

Marysville, CA
United States
08/2010 - 12/2011



STRENGTHS

Team Leadership Success

Proven track record of enhancing team productivity.

Cutting-edge Technology Expertise

Strategic use of the latest tools for optimal results.

Innovative Problem Solver

Efficient solutions to complex problems.

Efficiency Improvement Initiatives

Streamlined processes to reduce order times significantly.