



Projects

Freelance software engineer (College and side projects)



January 2016 - present

- Bakery Order application: A Java Swing desktop application. This application allows the user to select various edible items and simulate a purchase.
[Source Code](#)
- Calculator: Basic scientific calculator built with JavaFX. Contains the four basic mathematical operations with a few additional operations.
[Source Code](#)
- Appointment scheduling application: A JavaFX desktop application that performs CRUD functions while incorporating new Java SE 8 features.
[Source Code](#)
- College scheduling application: An Android application that lets a student schedule college terms, classes, and assessments (exams) in addition to creating notes.
[Source Code](#)
- Tourist website: A superficial website prototype that adheres to UI and UX design principles. Built with the web trifecta and Bootstrap 4.
[Source Code](#)
[View website](#)
- Car Buyers Guide: A simple, non-responsive website created with the web trifecta technologies.
[Source Code](#)
[View website](#)
- Pete's Used Vehicles: A responsive website developed using Bootstrap 4 and PHP 7 along with the web trifecta technologies.
[Source Code](#)
[View website](#)
- Simple Food Solutions Web: Java EE 7 web application that allows users to search for recipes and perform CRUD functionality through accounts
[Source Code](#)
- Recipe Search API: Restful API that provides recipe information. Allows users to find recipes by keyword
[Source Code](#)



Education

Master of Science, Information Technology Management,
Western Governors University. Anticipated completion: 2020

Bachelor of Science, Software Development, 2018-2019
Western Governors University.

Associate of Applied Science, Software Development, 2016-2018
Central Piedmont Community College.

Amit Kohli

Software Engineer



About Me

Passionate software engineer with a desire to work on enterprise applications. Flexible working on different areas of development: front-end, back-end, full-stack, or mobile.



Contact



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Technical Skills

Experience

OOPS concepts	Object, Class, Inheritance, Polymorphism, Abstraction, Aggregation, Encapsulation	3 years (2016-2019)
Core Java 8	Data types, Variables, Methods, Operators, Decision statements, Loops, Overloading, Overriding, Packages, Exception control, Multithreading, Generics, Collections, I/O, Serialization, Lambdas, Streams, JDBC, Localization, Date/Time API	3 years (2016-2019)
Java EE 8	Servlets, JSP, JSF (My Faces), JAX-RS (Jersey), Web sockets, EJB, CDI, JPA (Hibernate)	1 year (2019)
Spring	Spring Boot	1 year (2019)
Web Trifecta	HTML5, CSS3, JavaScript	3 years (2016-2019)
JavaScript related technologies	Ajax, JQuery, Typescript, Angular 6	1 year (2018-2019)
SQL	MySQL (Maria DB), Apache Derby, Oracle	3 years (2016-2019)
Build Tools	Maven, Gradle	1 year (2018-2019)
Version Control	GitHub	3 years (2016-2019)
Frameworks	Bootstrap, JUnit5	1 year (2018-2019)
Data Markup	XML, JSON	1 year (2019)
Data Structures	Arrays, Lists, Stacks, Queues, Maps, Trees	2 years (2017-2019)
Algorithms	Linear and Binary search, Bubble, Insertion, Selection, Merge, and Quick sort	2 years (2017-2019)
Design Patterns	MVC, Data Access Object	1 year (2019)
SDLC methodologies	Agile and Waterfall	1 year (2018-2019)
IDE	IntelliJ IDEA, NetBeans, Eclipse	3 years (2016-2019)
Servers	Apache Tomcat and Tomcat EE	1 year (2019)
Other	User interface (UI) and User experience (UX)	1 year (2019)
Operating Systems	Windows 7, 8.1, 10 Ubuntu server, CentOS 7 Android	4 years (2015-2019)



Certifications

Java SE 8 Programmer I (1Z0-808) View	06/05/2017
Oracle Database 12c: SQL Fundamentals	03/2019
Advanced HTML5 & CSS3 Specialist (1D0-620)	09/11/2018
CompTIA A+ View	01/15/2019 – 01/15/2022
User Interface Designer	03/2019