Avinash Kumar Singh
Software Developer

● Bangalore, India   ✉ avihunny1598@gmail.com   📞 8892082381   ↖ Portfolio   in Linkedin   ⬡ Github

Profile

System Engineer working in the IT and services industry. Skilled in Java, SpringBoot Microservices, Databases, Angular and ReactJS. Strong information technology professional with a Bachelor of Engineering

Education

2014	**Secondary (10th),** *Kendriya Vidyalaya No.1 Halwara PUNJAB* CBSE Board: 9.2 CGPA	Ludhiana
2016	**Senior Secondary(12th),** *Kendriya Vidyalaya ASC Center (S)* CBSE Board:76%(PCMC)	Bangalore
2020	**B.E(CSE),** *East Point College of Engineering and Technology* VTU : 7.28 CGPA	Bangalore

Professional Experience

2021 — present

Systems Engineer, *INFOSYS LIMITED*
- Created Spring Boot Applications with frontend: Angular ,backend :java and mySQL database.
- Involved in Development of REST API using SpringBoot and Microservices framework
- Worked with Creation of APIs and multiple endpoints ,implementing logics at service layer.
- Created and worked with Apache KAFKA topics, producing and consuming messages.
- Basic understanding of MongoDB with spring boot Microservices
- Wrote Junit testcases and deployed on PCF environment

07/2019 — 09/2019

ML Intern, *YJ INFOTECH SOLUTIONS PRIVATE LIMITED*
Modeling and Predicting Prices for Real Estate using Machine Learning.(Github ↗)
We applied Machine Learning techniques learned in class in order to solve this problem.

Certificates

- Infosys Certified Front End Web Developer
- Infosys Certified Spring Microservices Professional
- Infosys Certified React Professional

Skills

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Languages *Java,SQL*	● ● ● ● ○	**Application Framework** *SpringBoot ,SpringSecurity,Log4J*	● ● ● ● ○
Databases *MySQL,MongoDB*	● ● ● ○ ○	**API Management** *REST API,Microservices*	● ● ● ● ○
UI *HTML,CSS, JavaScript, AngularJS, React JS*	● ● ● ○ ○	**Build Management Tool** *Maven, Jenkins*	● ● ● ● ○
Version Control System *Bitbucket,Github*	● ● ● ○ ○	**Integration Technologies** *Pivotal Cloud Foundry*	● ● ● ○ ○
Messaging Streams *Apache KAFKA*	● ● ● ○ ○	**Cloud Tools** *Salesforce Platform, Google Cloud Platform*	● ● ● ○ ○

Projects

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05/2021 – 06/2021	**Ekart Application,** *HTML,CSS, Bootstrap, Angular, Java, Rest API, MySQL* As a part of foundation Training in Infosys ,Created an EKart E-Commerce Application with Deals for Today Feature using Angular at Frontend , Java Springboot at Backend and MYSQL as database.
01/2020 – 04/2020	**Cyber bullying detection using SmSDA,** *Machine Learning ,Tkinter, Flask, Artificial Neural Networks ,OpenCV, Python ,Google Cloud Platform* Cyber bullying detection using semantic marginalized stacked denoising autoencoder from myspace and twitter dataset.
09/2019 – 11/2019	**Online Library management System,** *HTML, CSS ,JavaScript ,PHP, PhpMyAdmin* Php project on online library management system to maintain all the daily work of library. The facility of student login and librarian login , librarian can see all the details of issued books such as time and date.
03/2019 – 05/2019	**Balloon shooting game,** *Computer Graphics ,OpenGL* Computer graphics project using openGL and C
07/2018 – 08/2018	**Bike showroom management system,** *Advanced Java ,SQLite ,JDBC, J2EE* Database project using advanced Java & J2EE and SQLite with CRUDE operations and generating invoice and sending email to customers.
04/2018 – 05/2018	**Home automation and Voice and Bluetooth controlled robotic car using arduino,** *Arduino UNO, Mobile Application Development, Robotics* Created an Android App to control a car and automate lights using Arduino.

Courses

03/2021 – 06/2021	**Angular Spring Boot Microservices Training,** *Infosys Limited* Foundation training
08/2020 – 10/2020	**Google Cloud Practitioner & QwikLabs,** *Google Cloud Platform* View my QwilkLab profile Here: QwikLab Profile ⤴ Participated online Google Career Readiness Program ,Completed all the task and received Google Cloud Goodies.
05/2020 – 05/2020	**Custom Prediction Routine on Google AI Platform,** *Coursera* Deploy a model with custom prediction routine on Google AI Platform.(Verify ⤴)
04/2020 – 04/2020	**Dimensionality Reduction using an Autoencoder in Python,** *Coursera* How an autoencoder works, and how to train one in scikit-learn(Verify ⤴)
	Salesforce Trailhead Platform, *Salesforce* View my Salesforce profile here: Trailblazer ⤴ Salesforce.com, CRM App , Attended Bootcamp on app development using Salesforce.

Organisations

NASSCOM, *Volunteer*   Bengaluru
Volunteered in multiple Tech events organized by NASSCOM.

NSS, *Volunteer*   Bengaluru
Organised and Participated in "Swachh Bharat Abhiyaan','Each one ,Plant one', and 'Blood Donation' drives held in Colleges.

College Technical Events, *Organiser*
Organised College Tech Fest(GENESIS) and also won Relay Coding event .

Interests

Writing Poems, Reading Novels, Movies (worldwide), Socio-Cultural Activities