

PULKIT AGARWAL

SOFTWARE DEVELOPER

Highly skilled and motivated software engineer with a passion for experimenting with the latest technologies. Seeking a challenging position where I can wear multiple hats, work collaboratively in a team environment, and contribute to the development of internal products or projects.

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SKILLS

Programming and Database

SQL, MySQL, MongoDB, Python, JAVA, Python, Angular, HTML, HTML5, C++, CSS, CSS3, JavaScript, ES6, NodeJS, Bootstrap, Typescript, Data Structure, IONIC framework, Cloud, Rest API, C, C#,

Version Control

SVN, Github

Tools and Applications

Kanban, Xcode, Android Studio, Jenkins, Docker, Laravel, MS Office Suite

EDUCATION

MSc in Information Systems Management

National University of Ireland, Galway (2021-2022)

Diploma in Software Development

IAAPS Infotech, India (2018)

B.E in Computer Engineering

University of Mumbai (2014-2018)

PROJECTS

Online Recharge System

Developed a web-based application (online website) using Spring boot, MYSQL, HTML, CSS, PHP with proper validation so the user can create his own profile while logging into the website.

Facilitated requests and delivery of data and services using API gateway for payment methods, which were authenticated with proper validation.

Human Activity Recognition & Fall Detection using ML

The goal of this project was to classify and make decisions about activity, whether it is a fall or not, by observing the accelerometer readings which were recorded using a mobile phone application.

Developed an android application to collect the data for various activities on which the machine learning model is trained (machine learning python library called Scikitlearn).

Electronic Point of Sale (EPOS) Application

Developed a simple EPOS system for a retail business using C#. Provided inventory management to keep on top of stock levels, and provide real-time and comprehensive reports that allow them to make better business decisions.

SUMMARY

- Proficient in Javascript, SQL, Angular (2+ versions), Java, C#, Python and C++
- Strong knowledge of single-page applications (SPA).
- Experience with Test-Driven Development (TDD) and unit testing (Karma and Jasmine).
- Familiarity with Mongo DB, Dynamo DB and MySQL.
- Proficient in setting up and configuring Jenkins for Continuous Integration and Continuous Deployment (CI/CD) pipelines.
- Knowledge of various design patterns, including dependency injection.
- Solid understanding of object-oriented programming (OOP) concepts.
- Proficiency in HTML, CSS, Typescript, Javascript and Bootstrap.
- Extensive experience applying Agile methodologies, such as Scrum and Kanban, to drive efficient and collaborative software development processes.
- Analyzed user stories and explored legacy applications to understand the end-to-end flow. Experience in troubleshooting and problem solving.
- Mentored new joiners to facilitate their development and provided technical leadership to them.
- Conducted a workshop to train a team of 40 Developers on Version Control and received a spot award for the same.
- Designed and implemented digital solutions/business stimulations for leading fortune 500 companies to expand their growth based on scenario and input. Created POCs for the same.

WORK EXPERIENCE

Software Developer

Atos-Syntel

2018-2021

- Implemented various functionalities suggested by clients in Angular 9.
- Contributed towards the entire development lifecycle of Analysis, Design, Implementation and Test.
- Designed and coded application components in an Agile environment utilizing a test driven development approach.
- Liaised with overseas consultants to implement digital solutions for clients through development, customization, and productionizing the end solutions with high quality.
- Built mobile applications for both Android and IOS (Xcode) in Angular using IONIC framework.
- Developed modular reusable components for the project using Angular and React, which increased project efficiency by 60%.
- Used Typescript for developing UI components like Editable dropdown, Bar code scanner, data-driven menu customizations.
- Worked on the REST/Web API to create the services and tested on postman. Experience consuming APIs to build data-driven UI
- Extensively used DOM scripting to create interactive web applications like message posting and auto complete form validations.
- Designed the user experience UI/UX strategy, UI requirements, converting findings into UI designs.
- Debugging using firebug and web developer tools on Chrome, Firefox and Internet Explorer. Experience with Cloud Hosting - AWS.
- Good understanding of UML, Model View Controller, MVC, MVVM and MVP design patterns.