

Profile Summary

Ardent SME Application Developer with a specific focus on iOS, full-stack, and IOT, capable of producing the desired result, enthusiastic to deliver the greater value proposition to internal & external stakeholders and perform beyond expectations in all parameters seeking strategic avenues of high importance with organization repute to demonstrate my skills and contribute effectively towards the profitability of organization while being perseverant, innovative and flexible.

Personal Skills

Client Relationship Management

Conflict Management

Team Management

Implementation Technique

Research & Development

Log Analysis

Collaboration

Delegation

Goal Setting

Group Leadership

Planning & Organizing

Time Bound

Technical Skills, Tools & Technologies

iOS	Swift	Javascript
ReactJS	Andriod	HTML
CSS	Bootstrap	C#
C	C++	Python
IoT	Git	Core JAVA
Jenkins	Jira	MVVM
MVC	Agile	Xcode
Android Studio	Data Structures	GraphQL
Power BI		

Awards

- Top Performer Q4 FY22

Nov 2022

Hewlett Packard Enterprise
- Top Performer Q2 FY22

Sep 2022

Hewlett Packard Enterprise
- Best Performer

Aug 2020

Hewlett Packard Enterprise
- High Flyer FY22

Sep 2022

Hewlett Packard Enterprise
- Platinum Award

Dec 2020

Hewlett Packard Enterprise
- Certificate of Appreciation

Oct 2020

Hewlett Packard Enterprise

Work Experience

Full Stack Developer and Integration Architect

Hewlett Packard Enterprise

Oct - 2022 - Present

Client in Germany

- Gathered and documented non-functional requirements to ensure alignment between development process and desired project outcomes.
- Translated functional requirements into concise user stories, serving as clear guidelines for development teams.
- Implemented efficient server and database solutions to support desired functionality in robust backend applications.
- Designed and executed an optimized integration strategy, seamlessly integrating third-party systems (ticketing, live streaming, etc.) into a mobile application for a soccer stadium, enhancing the fan experience.
- Ensured cross-platform optimization and responsiveness, delivering a seamless user experience across various mobile devices.
- Developed backend services using ASP .NET Core and GraphQL, leveraging third-party APIs for data retrieval and storage in a CMS.
- Collaborated with graphic designers to incorporate design features and integrate APIs, improving the visual appeal and functionality of applications.
- Oversaw end-to-end project lifecycles, from conception to product delivery, ensuring successful implementation and timely completion.
- Developed iOS and Android applications using Swift and Kotlin, meeting technical requirements and exceeding consumer expectations.
- Proactively stayed updated with the latest developments in web applications and programming languages, seeking opportunities to enhance technical knowledge and skills.
- Conducted thorough code reviews to maintain high code quality standards and provided constructive feedback to fellow developers.
- Skills Gained:- Project Coordination, Code Deployment, CICD (Continuous Integration and Continuous Deployment), C#, Jenkins, MVC ASP .NET, GraphQL, R&D (Research and Development), CMS (Content Management System), MongoDB, iOS, Swift, Android, Kotlin, Identity Management System, Keycloak, REST API, OAuth 2.0, SSO (Single Sign-On), Xcode, Android Studio.

Full Stack Developer and Integration Architect

Hewlett Packard Enterprise

Oct - 2019 - Sep - 2022

Client in Switzerland

- Developed the frontend website architecture and designed user interactions for web pages.



Sayam Koul

ACCOMPLISHED FULL-STACK and iOS DEVELOPER

✉

sanyam8182@gmail.com

☎

09591318197

📍

Bangalore, India

🌐

Indian

📅

04-03-1995

👤

Single

in

sayam-koul

f

sanyam.koul

🐦

koul_sayam

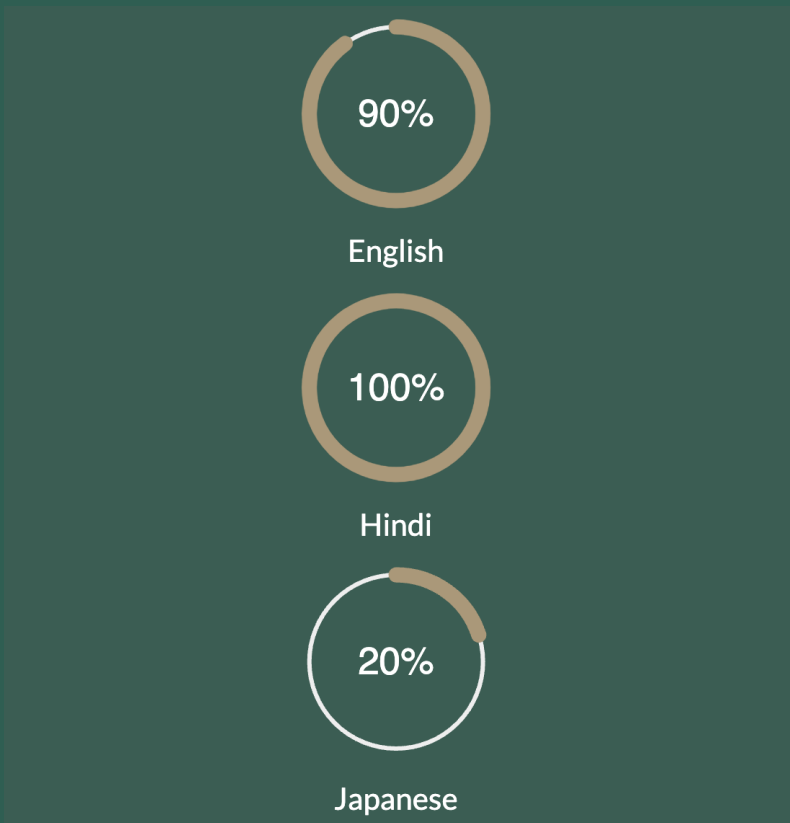
🔄

sanyam8182

🏠

users/8003764/sanyam-koul

Languages



Hobbies

🎮

Gaming

🎸

Playing Guitar

🥋

Taekwondo

- Built backend website applications, including the creation of servers and databases, to support desired functionality.
- Designed and implemented an efficient integration solution for various third-party systems (ticketing, food ordering, etc.) in a mobile application for an ice hockey stadium, enhancing the fan experience.
- Ensured cross-platform optimization and responsiveness of applications for mobile devices.
- Implemented backend services using ASP .NET Core and GraphQL, integrating third-party APIs to fetch and store data in a CMS.
- Collaborated closely with graphic designers to incorporate web design features and enhance the overall user experience.
- Oversaw projects from conception to the finished product, ensuring successful implementation and timely delivery.
- Developed iOS and Android applications using Swift and Java, meeting both technical requirements and consumer needs.
- Stayed abreast of developments in web applications and programming languages.
- Skills Gained:- Project Coordination, Code Deployment, CICD, C#, Jenkins, MVC ASP .NET Core, GraphQL, R&D, CMS, Mongo DB, iOS, Swift, Android, JAVA, Identity Management System, REST API, OAuth 2.0, SSO, Xcode, Android Studio, React JS.

Front End Developer

Hewlett Packard Enterprise

■ Apr - 2021 - Jun - 2021

👤 Client in Qatar

- Took charge of determining the structure and design of web pages, incorporating user experience principles to inform design choices.
- Developed and implemented features aimed at enhancing the user experience, finding the perfect balance between functional and aesthetic design.
- Ensured web design was optimized for smartphones, creating responsive and mobile-friendly layouts.
- Built reusable code components to streamline development and facilitate future updates.
- Optimized web pages for maximum speed and scalability, implementing techniques to improve performance.
- Utilized a range of markup languages (e.g., HTML, CSS) to write web pages, adhering to best practices and standards.
- Maintained brand consistency throughout the design, ensuring visual elements and styles aligned with the established brand guidelines.
- Led the modernization of a monolithic application by transitioning to microservices architecture, improving scalability and maintainability.
- Utilized React and CSS to create the front-end of the web application, delivering intuitive and interactive user interfaces.
- Integrated the web application with various REST APIs, enabling seamless data exchange and functionality integration.
- Leveraged user context and implemented caching mechanisms to efficiently store and retrieve data, optimizing performance and response times.
- Skills Gained:- React JS, Rest-API, App migration, Context, Session, JDBC Token, Bootstrap, HTML, CSS.

IOT Developer

Hewlett Packard Enterprise

■ Jun - 2019 - Oct - 2019

👤 India

- Developed and executed a comprehensive end-to-end solution for IoT in Agriculture in collaboration with HPE, encompassing all project stages from concept design to implementation.
- Focused primarily on the OT aspect of the project, which involved hardware programming, deployment, and networking, ensuring seamless integration of IoT devices.
- Conducted extensive research and analysis of data to drive informed decision-making and achieve project objectives.
- Designed and implemented a C# service responsible for retrieving data from the IoT gateway utilizing MQTT protocol, performing essential analytics, and seamlessly transmitting data to the frontend.
- Leveraged the C# service to effectively manage and regulate drip irrigation systems, enhancing efficiency and optimizing resource utilization.
- Skills Gained:- Operational technology, Networking, ESP32 programming, C#, Sensors Deployment & calibration, Data Acquisition, Data handling in the cloud, R&D, Agronomics, Data Analytics, Arduino IDE, REST API.

IOT Developer

Hewlett Packard Enterprise

■ Jun - 2019 - July - 2019

👤 Client in USA

- Led the design and development of a proof-of-concept (POC) aimed at seamlessly retrieving data from multiple industrial devices and presenting it on a user-friendly dashboard.
- Developed a robust C# service to efficiently extract data from diverse industrial devices, including servers, industry-grade screwdrivers, and robots, ensuring reliable and accurate data acquisition.
- Employed Azure IoT Hub as a bidirectional connector, establishing a seamless integration between the backend and frontend components of the project.
- Utilized Azure IoT Hub to enable real-time data communication, facilitating efficient data transfer and synchronization between devices and the dashboard.
- Created a visually appealing and responsive dashboard utilizing Power BI, allowing users to effectively monitor and analyze the acquired data.
- Skills Gained:- Azure IoT Hub, Data Acquisition, C#, .Net Framework, Power BI, Dashboard.

ANDROID Developer

Hewlett Packard Enterprise

■ Feb - 2019 - Apr - 2019

👤 Client in England

- Spearheaded the development of a proof-of-concept (POC) voice bot capable of accurately recognizing user's voices in multiple languages and delivering responses in the corresponding language.
- Integrated the powerful Tukuoro SDK for seamless voice recognition, ensuring high accuracy and reliable performance of the voice bot.
- Implemented language-switching functionality by incorporating commands in various languages, enabling users to effortlessly change the language settings of the application.
- Successfully integrated the Teem API, leveraging voice recognition capabilities, to enable users to book meeting rooms or extend meetings using intuitive voice commands.
- Leveraged the voice bot's capabilities to control and manage smart devices, such as lights, fans, and other Internet of Things (IoT) devices, providing users with convenient voice-controlled automation.
- Demonstrated expertise in voice recognition technologies, SDK integration, multilingual support, API integration, and IoT device management throughout the development and execution of the project.
- Skills Gained:- Voice User Interface, Multilanguage understanding, Data Acquisition, Tukuoro.

IOT Developer

Hewlett Packard Enterprise

May - 2019 - Jun - 2019

India

- Took a leading role in the design and development of a dynamic dashboard tailored for smart industrial tools, focusing on delivering actionable insights and real-time alerts.
- Leveraged native JavaScript, HTML, and CSS to craft an intuitive and visually appealing dashboard, effectively showcasing essential matrices and alert notifications.
- Developed a robust backend service utilizing Node.js and Node-RED, facilitating seamless connectivity between sensors and the frontend via the MQTT protocol.
- Implemented MQTT-based communication to ensure efficient and reliable data transmission, enabling real-time updates and synchronization between the sensors and the dashboard.
- Demonstrated proficiency in JavaScript, HTML, CSS, Node.js, Node-RED, and MQTT protocols through the successful creation and deployment of the dashboard solution.
- Skills Gained:- Data Acquisition, MQTT, Real-time updates, Dashboard.

ANDROID/iOS Developer

Hewlett Packard Enterprise

Jun - 2018 - Jan - 2019

India

- Led the development of an in-house mobile application that streamlined and automated daily repetitive tasks for employees, significantly reducing time and effort required through intuitive user interfaces.
- Integrated Aruba Meridian cloud to leverage indoor navigation capabilities, allowing employees to navigate within the premises efficiently and receive location-based campaigns and notifications.
- Utilized Microsoft Graph APIs to simplify the process of finding and booking available meeting rooms, minimizing the effort required and improving efficiency in scheduling.
- Integrated REST APIs and Google Maps to establish seamless connectivity with sensors for Smart Parking, enabling employees to easily locate and reserve parking spaces.
- Implemented additional features including HPE Stocks graph, shortcut buttons for enhanced app navigation, HPE news feed, smart meeting room booking, and Smart Parking with integration of two different third-party sensors.
- Demonstrated expertise in mobile application development, API integration (Aruba Meridian, Microsoft Graph, REST, Google Maps), and incorporating various features to enhance user experience and productivity within the organization.
- Skills Gained:- Android/JAVA, IOS/Swift, Meridian, Android App Development, Java, Android Studio, Web scraping, JSON Data Parsing, Outlook Libraries, UI & UX Designing, Google Play Store, REST API, XML Parsing, Azure Active Directory.

Education

Bachelor Of Engineering

Visvesvaraya Technological University

Apr - 2013 - Jun 2017

India

Most Proud Of



Team Work

Collaboration, Delegation, Goal Setting, Group Leadership



Flexibility

Eager to learn new technologies, Quick Learner

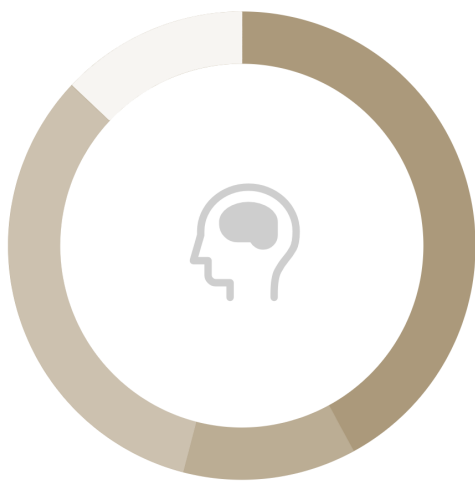


Time management

Conscious planning and thoughtful decision making



My Time



- Working (42%)
- Entertainment (12%)
- Relaxing (33%)
- Other Activities (13%)