Shah Haamid

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SUMMARY

Experienced Mobile App Developer with a passion for crafting innovative solutions. Proficient in Flutter and UI/UX design, I thrive on solving complex challenges and translating ideas into user-friendly apps. I'm excited to explore potential collaborations and discuss the future of mobile app development.

EXPERIENCE

Lead Flutter Developer

Volobot Advanced Systems Private Limited **January 2024 - Present, Kochi, Kerala**

- Utilized Flutter to create responsive designs, ensuring compatibility and optimal user experience across various Android and iOS devices.
- Developed significant features and functionalities within the app
- Translated Figma designs into precise and accurate Flutter code, maintaining design integrity and functionality.
- Managed a team of three developers, serving as the lead developer and guiding the team in project execution and problem-solving.
- Handled app distribution processes, managed Jira workflows, and coordinated communication with the testing team.
- Conducted regular meetings with the parent team to ensure alignment and progress tracking.

Junior Flutter Developer

Kashtech Solutions **November 2022 - July 2024, Main Chowk Rajouri kadal, Srinagar, Jammu and Kashmir 190002.**

- Built and released cross-platform applications using Flutter and Dart, optimized app performance by 15%, effectively handled external data sources and third-party libraries while implementing APIs and authentication.
- Created attractive UI using Flutter Material Design components
- Handled code reviews, debugging, and development of new features and components.
- Improved user experience by developing custom functionalities.

PROJECTS

Bookscape

Volobot Advanced Systems Private Limited • play.google.com/store/apps/details?id=com.bookscape&pli=1

- January 2024 - Present
- Utilized Riverpod extensively for managing the app's state efficiently, ensuring smooth and responsive performance across various components.
- Integrated the Firework framework to enhance the app's capabilities.
- Implemented Elastic Search throughout the app, enabling fast and flexible search functionalities for users.
- Managed three different flavors of the app, each tailored to specific user needs and scenarios, ensuring a customized experience for different user groups.
- Focused on improving the overall user experience by optimizing the UI/UX design and functionality, resulting in a more intuitive and enjoyable user interface.
- Addressed and resolved bugs in the existing project, enhancing the app's stability and reliability.

Ingredient Insight

August 2023 - Present

- Enabled the app to detect food materials through communication with the backend. Users could capture images of food items using their device's camera or upload images. The app then communicated with the backend to identify the food and displayed the response within the app, enhancing user experience and providing valuable information.
- Enabled the app to display the nutritional composition of the app including the risks and viability
- Implemented a preferences Section by which the predictions can be made according to the medical history of the user
- Implemented a comprehensive user authentication system that includes both login and sign-up functionality. Utilized Firebase Authentication for secure user registration and authentication processes.
- Integrated Google login as an authentication option, providing users with a convenient and widely-accepted method of accessing the app.
- Ensured proper validation of user data during the registration and login processes, enhancing data integrity and security.

- Achieved user authentication persistence through Firebase, allowing users to stay logged in across app sessions for a seamless and convenient experience.
- Utilized Firestore, Firebase's NoSQL cloud database, for efficient data storage, retrieval, and management, ensuring reliable data handling for the app.
- Developed the app using the Model-View-Controller (MVC) architectural pattern, which helps maintain a structured and maintainable codebase. Riverpod was employed for effective state management, simplifying the handling of app data and improving overall app performance and responsiveness.

Kloth

github.com/Hames-1616/kloth • August 2023 - Present

- Designed and implemented an attractive and user-friendly user interface (UI) for the Kloth app, focusing on aesthetics and ease of use to enhance the user experience.
- Developed a secure user authentication system using Nest.js, a Node.js framework, and MongoDB as the database, providing users with a reliable and robust login and signup process.
- Developed using the MVC architecture along with feature first approach with Riverpod for efficient state-management
- The app displays all the clothes present in the Mongo in an appealing manner along with a proper description of each cloth
- FirebaseStorage is used to store the different images of the clothes and display them according to the description section

Kloth-backend

github.com/Hames-1616/NestJS-backend • October 2023 - Present

- Employed Nest.js as the backend framework, leveraging its versatility and features to create a robust and scalable server-side solution for the Kloth app. Nest.js's modular architecture, dependency injection, and extensive ecosystem contributed to the efficient development and management of the application's backend.
- Leveraged MongoDB as the database system to store and manage data for the Kloth app, providing a scalable and flexible storage solution.
- Ensured the security of user data by implementing password hashing before storing it in the database, enhancing data protection and user privacy.
- Followed the service, model, and controller design pattern in the backend structure, creating a well-organized and maintainable codebase for handling various aspects of the application.
- Integrated JSON Web Tokens (JWT) for user authentication, allowing secure and efficient user access to the app's features and ensuring a smooth and secure login process.
- Prioritized proper error handling in the backend, which contributed to the robustness of the application. This included handling and reporting errors in a clear and informative manner, improving the overall user experience.

Gemini-Restapi

github.com/Hames-1616/gemini-fastAPi • January 2024 -January 2024

- FastAPI was chosen as the framework for this project due to its high performance, easy-to-use interface, and support for asynchronous operations.
- The project leverages the Gemini AI through an API key, allowing users to interact with Gemini's capabilities seamlessly.
- The project can be used locally with the user's own API Key or the user can use the URL and procedure stated in the github to use it since it is hosted

Resnet50-Image Detection

github.com/Hames-1616/Resnet50Model-Image-detection • December 2023 - December 2023

- The project accepts image uploads via the RESTful API endpoint, allowing users to submit images for prediction.
- The ResNet50 model, a popular pre-trained convolutional neural network, is utilized for image classification tasks due to its accuracy and efficiency.
- Upon receiving an image, the project uses the ResNet50 model to predict the contents of the image. It then displays the predicted label(s) (e.g., object identification) along with their respective probabilities of correctness.

LocalHiveDB-Riverpod-Flutter

github.com/Hames-1616/LocalHiveDB-Riverpod-Flutter • September 2023 - September 2023

- A flutter app depicting the basic usage of HiveDB with MVC and Riverpod

Medico

github.com/Hames-1616/medico • June 2023 - July 2023

- UI-based app containing login signup screens
- Home-screen UI with the ability to get the current location
- A categories section displaying various categories and products inside them
- A product page displaying the info about the current products including reviews, quantity etc

TeleKashmir

Kashtech Soltutions • github.com/Hames-1616/Doctor_meeting • March 2023 - April 2023

- Developed a Flutter mobile application that included key features like user authentication and registration, providing a seamless experience for users to sign up and log in.
- Utilized Django as the backend framework to build the server-side logic and MongoDB as the database to store and manage user and application data.
- Implemented a comprehensive healthcare-related feature that allowed users to search and view doctors across various categories, enhancing user experience and accessibility to healthcare services.
- Enabled users to book appointments with doctors of their choice, offering a convenient scheduling system for medical consultations.
- Incorporated the ability to upload prescriptions in the app, with the images stored securely on an external platform, such as ImageBB, ensuring efficient record keeping and easy access to medical documents.
- Integrated an admin panel within the app, giving administrators the ability to manage and maintain the platform effortlessly. This included features to add or remove categories, doctors, or services, ensuring the application's scalability and adaptability.

Milchar

Kashtech Soltutions • January 2022 - March 2023

- Developed an essential services app that provides users with convenient access to critical services, with a focus on user-friendly features and security.
- Implemented a robust user authentication system using Django, allowing users to sign up and login securely.
- Enhanced user account security and verification by incorporating OTP (One-Time Password) verification using Firebase Authentication, adding an extra layer of user identity validation.
- Categorized service providers based on the user's specific needs, ensuring that users can easily find and connect with individuals or businesses offering the services they require.
- Enabled users to leave reviews and ratings for the service providers they've engaged with, providing valuable feedback and enhancing transparency in service quality.
- Included an overall rating system for service providers, displaying an average rating based on user reviews, helping users make informed decisions when choosing service providers.
- Offered a feature that allowed users to request specific services from service providers, with the option to add these requests to their accounts. Users could then monitor the status of their requests and wait for service providers to evaluate their applications.
- Implemented a search functionality that allowed users to find service providers directly by their names, making it easy for users to connect with specific providers they prefer.
- Empowered service providers with the ability to view their ratings, comments, and overall feedback in their account sections, giving them insight into their performance and areas for improvement.

DelightPass

Kashtech Soltutions • github.com/Hames-1616/delightpass • February 2023 - February 2023

- Developed the Delight Pass app, which primarily involved embedding a webview of a website into a mobile application to provide users with a seamless and app-like experience when accessing the site.
- Mapped the device's back button to the webview, allowing users to navigate within the web content as if they were using a native app, enhancing user convenience.
- Implemented a mechanism to detect and handle cases where the internet connection was lost, ensuring that the app provided a user-friendly experience even under challenging network conditions.
- Ensured that the app's user interface was responsive and adapted dynamically to the layout and content of the website displayed within the webview, providing a consistent and visually appealing experience across different devices and screen sizes.
- The Delight Pass app effectively bridged the gap between a website and an app, enabling users to access the web content with native app-like functionality and responsiveness.

UI-Based Smart Home App

Kashtech Soltutions • github.com/Hames-1616/Smart_home_App • December 2022 - January 2023

- Created a user interface (UI)-focused smart home application with a primary goal of providing users with an intuitive interface for controlling their smart devices and appliances within their homes.
- Designed the UI to be user-friendly and visually appealing, ensuring that users could easily interact with and manage their smart home devices without the need for real-time or backend functionality.
- The application focused on providing control over various smart devices, allowing users to perform actions such as turning lights on/off, adjusting thermostat settings, and managing other connected devices with a user-friendly interface.

EDUCATION

Bachelor of Computer Science and Engineering

Islamic University of Science and Tecgnology • Pulwama, Awantipora, Jammu & Kashmir • 2021-2024

Diploma in Computer Science and Engineering

Kashmir Government Polytechnic College • Gogji Bagh, Jawahar Nagar, Srinagar, Jammu and Kashmir • 2019-2021 • 8.3

SKILLS

Software: Flutter, Jetpack-Compose, Kotlin, Android, Java, Firebase, Riverpod, NestJS, FastAPI