

Hibban Haroon

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Work Experience

Devsinc | Software Developer I

March 2025 – Present

- Led the architecture and setup of a React Native project, established CI/CD pipelines, configured App Store and Play Store deployments, and guided a team of 4 developers to deliver a successful MVP launch.
- Worked as a Backend Cloud Engineer collaborating closely with the Senior Platform Engineer to manage and enhance AWS cloud infrastructure including AWS Cognito, OpenSearch and CloudFormation, implemented OAuth using Cognito, expanded OpenSearch capabilities, and designed a scalable MonoTable architecture for the Feed system.
- Streamlined integration testing workflows, implemented an Expo-based notification system, and contributed to backend cloud optimizations, supporting the team in preparing the product for an upcoming MVP launch.

Merik Solutions | Software Developer

June 2024 – March 2025

- Contributed to the development of 4 React Native mobile applications, leading UI implementation for all projects, with two applications nearing completion and launch.
- Collaborated closely with UI/UX designers, backend developers and management team to align design and functionality for all applications, ensuring seamless user experiences.
- Applied Software Development & Human Computer Interaction principles to create applications, contributing to effective project outcomes in cross-functional teams.

Projects

Grademakers | React, Django, PostgreSQL, AWS

- An AI-based platform helping students improve their grades through interactive quizzes and chats with their books.
- A freelanced project, where I led and contributed to the team of three, ensuring effective communication for implementation of backend, frontend and deployment.
- Developed mostly the frontend of the application while also deploying the backend on AWS ECS gaining decent experience with VPS, Security Groups and ECS.

CricAI | Flutter, Firebase, Python, Machine Learning, Mediapipe Library, FastAPI

- CricAI - An AI-Powered Cricket Coach. A mobile based solution for cricket training, aiming to minimize errors by providing AI-driven feedback and analysis to coaches and players.
- Created a custom dataset and trained a Shot Classification Classifier for fetching the ideal player's data for Shot Comparison.
- Implemented FastAPI to create APIs for Pose Estimation, Shot Comparison, and Shot Classification, seamlessly integrating them into the mobile application.

Typier | React, HTML, CSS, JavaScript

- A web application where a user can enjoy typing on a Neomorphic style interactive keyboard while listening to music.
- Utilized Context in React for multiple themes, reducing the need for passing themes individually to each key component.
- Implemented dynamic audio file handling for a seamless user experience.

Lumina | Python, Clarifai, AssemblyAI, Streamlit

- A web application where a user enters a YouTube video's URL, and generates an MCQ based test, with automatic assessment.
- Utilized AssemblyAI to transcribe the YouTube video for quiz generation context.
- Utilized GPT-4 Model from Clarifai to generate the quiz given the transcribed text.

Technical Skills

Programming: JavaScript, Dart, Python. **Web:** React.js, Next.js, Node.js, Express, HTML, CSS. **Mobile:** React Native, Expo, Flutter.

Databases: DynamoDB, MySQL, Firebase, MongoDB. **Tools:** GitHub, Figma. **Cloud:** Cognito, OpenSearch, Lambda, Cloud

Formation, CloudWatch, EC2. **Testing:** Jest. **Monitoring:** Sentry.

Education

Bahria University, Islamabad | Bachelor of Science in Software Engineering

Aug 2020 – June 2024

- CGPA: 3.73/4