Akash Balaji

Chennai, India

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SUMMARY

I am a skilled React and React-Native developer with expertise in building services using Python FastAPI. I have advanced proficiency in AWS and Azure, with a particular strength in Azure. I excel in both frontend and backend development, creating seamless user interfaces and robust server-side solutions. My experience spans driving impactful software projects from concept to completion.

EXPERIENCE

InterviewDesk Company

Backend Developer   *June 2023 - Jul 2023, Chennai, India*

My Contribution

- Implemented video analysis solutions using Google Cloud's Video Intelligence API and Amazon Rekognition, reducing malpractice in online exams and interviews by 75%, enhancing trust in remote assessments. Gained expertise in AWS and GCP, integrating scalable services to improve hiring processes and streamline operations.

Firstmelon Company

Backend Developer   *Aug 2024 - Oct 2024, Chennai, India*

My Contribution

- Developed a reconciliation model using Java Spring Boot for the backend and React for the frontend, streamlining data matching and improving financial accuracy in transaction processing.

PROJECTS

Fruit Spoilage Prediction

- Developed a fruit spoilage detection system using IoT sensors and machine learning. Implemented a CNN for image classification, followed by a linear regression model that predicts fruit expiration based on image data and environmental factors such as temperature, humidity and CO_2 levels.

Digital Payroll and Attendance System

- Developed a Python FastAPI-based payroll and attendance management solution for petrol bunks, streamlining operations by reducing manual processes, providing real-time insights, and improving efficiency for business owners.

Fitness App

- Developed a feature-rich fitness app using React Native, FastAPI, and SQL, integrating a step counter, calorie tracker, reward system, and leaderboard to enhance user motivation and engagement.

SKILLS

Development	Java, Android Studio, React and React-Native
Back End	Python, C, Java, FastAPI, SpringBoot
Front End	HTML, CSS, JavaScript
Misc.	AWS, GCP, Git

EDUCATION

SRM Institute of Science and Technology   Chennai, India
Bachelor of Computer Science

Sri Chaitanya School   Chennai, India
Senior Secondary Education

St. John's Public School   Chennai, India
Secondary Education

SCORES

12th (CBSE)
Percentage: 87.8%

10th (CBSE)
Percentage: 87.6%

LINKS

Fruit Spoilage Prediction
Spoilage-Prediction/Akash-Balaji

Payroll Service
Payroll-Service/Akash-Balaji

Fitness App
Fitness-App/Akash-Balaji