

# Disaster Alert – Emergency Info & Safety Tips

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A Flutter-Based Emergency Preparedness App

~**JAYASHREE A**



# Project Overview






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- Disaster Alert is a Flutter app providing real-time emergency alerts and safety tips.
- Helps users stay prepared and informed during crises.
- Features include push notifications, dark mode, Firebase integration, and a user-friendly UI.



# Key Features

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-  Real-time Disaster Alerts
-  Emergency Safety Tips
-  Firebase Integration
-  User Authentication
-  Multi-language Support (Planned)



# Tech Stack Used

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- • **Flutter** – UI Development
- • **Firebase** – Authentication & Firestore
- • **Dart** – Backend Logic
- • **REST API** – Fetching Disaster Alerts
- • **Provider** – State Management

# App Screenshots

Android Emulator - Medium\_Phone\_API\_36:5554  
3:36

← Register

Email

Password

Register

Already have an account? Login

Android Emulator - Medium\_Phone\_API\_36:5554  
3:30

Login

Email

Password

Login

Don't have an account? Register

Android Emulator - Medium\_Phone\_API\_36:5554  
3:31

Login

Email  
ajayashree1083@gmail.com

Password  
\*\*\*\*\*

The supplied auth credential is incorrect, malformed or has expired.

Login

Don't have an account? Register

≡



3:32

← Home

Stay safe with real-time disaster alerts.

**Flood**

- ✓ Move to higher ground immediately.
- ✓ Avoid walking or driving through floodwaters.
- ✓ Disconnect electrical appliances.
- ✓ Have a waterproof emergency kit ready.

**Hurricane**

- ✓ Stay indoors away from windows.
- ✓ Secure outdoor furniture.
- ✓ Stock up on food, water, and medicines.
- ✓ Follow evacuation orders from local authorities.

**Wildfire**

- ✓ Create a defensible space around your home.
- ✓ Have an emergency bag ready with essentials.
- ✓ Keep flammable materials away from home exteriors.
- ✓ Close all windows and vents to prevent smoke inhalation.

[View Disaster Alerts](#)

3:32

← Disaster Alerts

All

**Winter Weather Advisory issued**  
**March 28 at 3:00AM PDT until**  
**March 28 at 11:00AM PDT by**  
**NWS Medford OR**

\* WHAT...Snow above 4500 ft in the Klamath Mountains within western Siskiyou County. Additional snow accumulations of 4 to 6 inches. Winds gusting as high as 40 mph.

\* WHERE...Western Siskiyou County above 4500 feet elevation. This includes higher portions of Sawyers Bar road and Highway 3 south of Callahan.

\* WHEN...Until 11 AM PDT this morning.

\* IMPACTS...Plan on slippery road conditions. The hazardous conditions could impact the Friday morning commute.

Moderate

**Winter Weather Advisory issued**  
**March 28 at 3:00AM PDT until**  
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\* WHAT...Snow above 4500 ft in the high central Cascades in Klamath, Jackson and Douglas Counties. Additional snow accumulations of 4 to 6 inches. Winds gusting as high as 50 mph.

\* WHERE...South Central Oregon Cascades County above 4500 feet elevation. This includes Diamond

Moderate

3:33

← Disaster Alerts

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Moderate

Texas, USA

California, USA

Florida, USA



# Conclusion

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- Disaster Alert app provides critical information during emergencies.
- Helps users stay prepared with real-time alerts and safety tips.
- Future improvements: More disaster categories, AI-based risk prediction, and expanded localization.