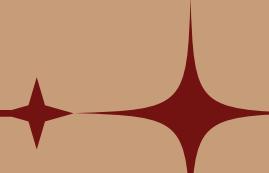


---



# MILESTONE-02

## INFOSYS SPRINGBOARD

### JAVA TECH STACK VIRTUAL INTERNSHIP PROJECT

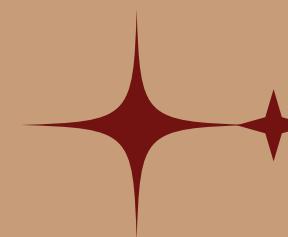
### INSURAI AI-POWERED INSURANCE ASSISTANCE SYSTEM

PRESENTED BY

22501A4401

AAISHA SULTANA GUDURU  
CSE-DATA SCIENCE IV-I

PVPSIT



# AGENDA



ABSTRACT



TECHNOLOGIES



HOME PAGE



UI AND  
FEATURES



REGISTRATION



LOGIN PAGE



VALIDATION



DOCUMENTATION

# INSURAI AI-POWERED INSURANCE ASSISTANCE SYSTEM

## ABSTRACT

- ① ➤ **INSURAI – AI Powered Insurance Assistance System** is a full-stack web application developed to automate and optimize insurance-related workflows using modern technologies and artificial intelligence.
- ② ➤ The system provides **role-based access** for **Admin, HR, Agent, and Employee**, enabling secure authentication, policy management, claim processing, fraud detection, and AI-powered user assistance. Insurance systems in many organizations still rely on manual processes for policy management, claims handling, and customer support, leading to inefficiencies and delays.
- ③ ➤ The application is built using **Spring Boot** for the backend, **React (Vite)** for the frontend, **Supabase** for cloud database services, and **Cohere AI** for intelligent chatbot responses.

 **ONLINE INSURANCE**

HOME FEATURES ABOUT US REGISTER - MANAGER - ADMIN - CONTACT

\*\*\*

**LIC**  
भारतीय जीवन बीमा नियम  
LIFE INSURANCE CORPORATION OF INDIA

 Birla Sun Life Insurance

 MetLife®  
MetLife India Insurance Co. Pvt. Ltd.

 ING Vysya  
LIFE INSURANCE

 **TATA AIG LIFE**  
A new look at life  **SBI Life**  
Online Insurance Company  
INSURANCE  
With Us, You're Sure

 **ICICI PRUDENTIAL**  
LIFE INSURANCE  
We cover you. At every step in life.

 **MAX**  
LIFE INSURANCE  
 **NEW YORK LIFE**  
LIFE INSURANCE  
Karo Zyaada Ka Iraada

 **AMP**

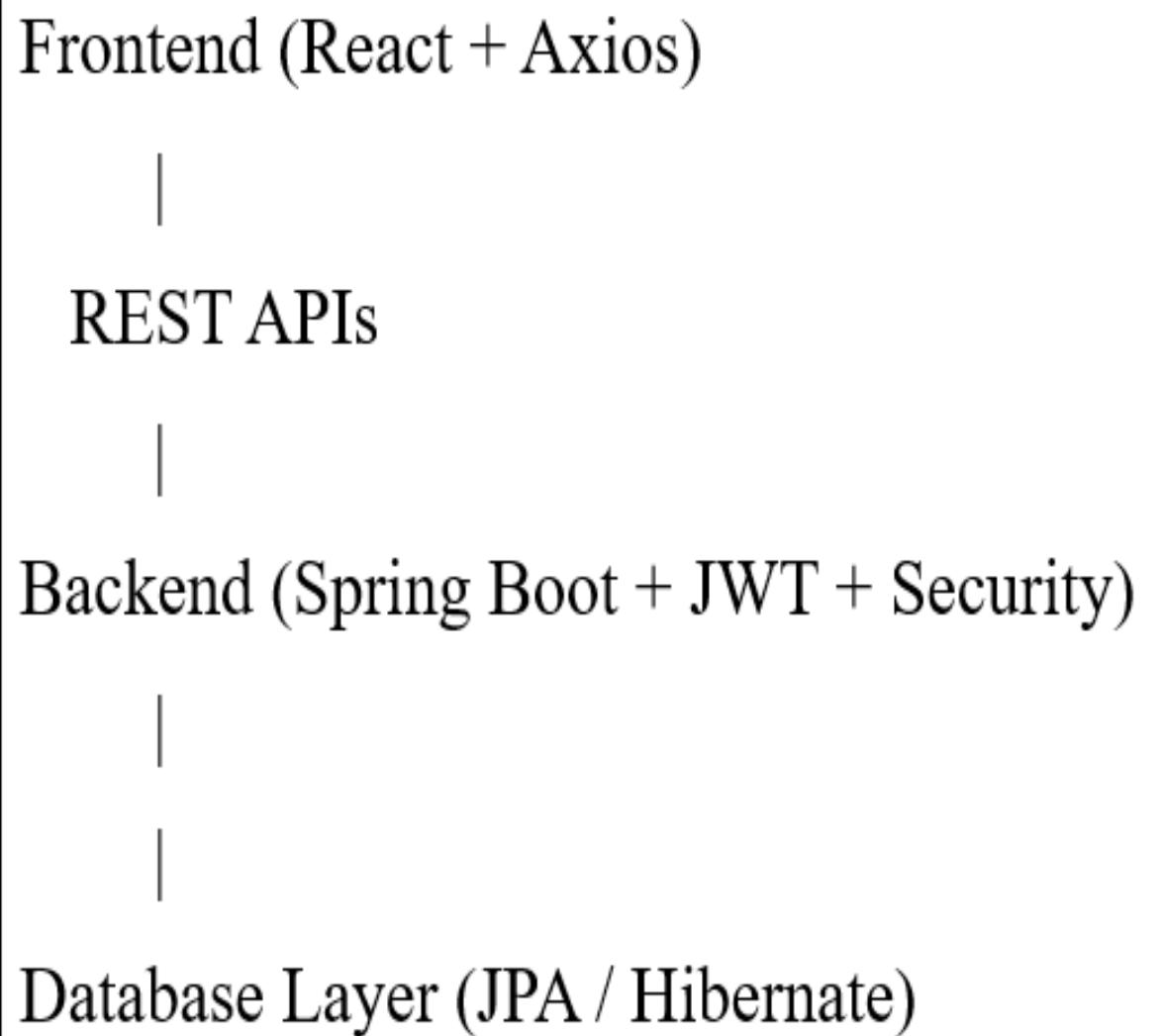
 **AVIVA**

 **HDFC**  
STANDARD LIFE  
INSURANCE

Indianmirror.com

# TECHNOLOGIES

ARCHITECTURE DIAGRAM



# HOME PAGE

[About](#)[Features](#)[Workflow](#)[Why Choose](#)[Vision](#)[Contact](#)

## Smarter Insurance Management for Modern Enterprises

Empower your organization with automation, analytics, and transparency in corporate insurance operations.

[Get Started](#)

Automated Claims



Real-time Analytics



Smart Policies



Fraud Detection

Scroll to Explore



# UI AND FEATURES

## ADVANTAGES OF THE SYSTEM

- Fully automated insurance workflows
- Secure authentication and authorization
- AI-powered user support
- Cloud-based scalable architecture
- User-friendly dashboards
- Real-time claim tracking

The screenshot displays the 'Features' section of the InsurAI website. The page has a dark header with the logo 'InsurAI' and navigation links for About, Features (underlined), Workflow, Why Choose, Vision, and Contact.

**Automated Claim Processing:** Represented by a blue box with a lightning bolt icon. Text: "Reduce manual workload and turnaround time with intelligent automation". Callout: "90% Faster".

**Smart Policy Management:** Represented by a pink box with a brain icon. Text: "Centralized control for HR and administrators with real-time updates". Callout: "AI Powered".

**Employee Transparency:** Represented by a light blue box with an eye icon. Text: "Real-time claim tracking and instant notifications for all stakeholders". Callout: "100% Visible".

**AI-Powered Fraud Detection:** Represented by a green box with a shield icon. Text: "Identify anomalies before they impact finances with machine learning". Callout: "99% Accurate".

**Analytics & Insights:** Represented by an orange box with a bar chart icon. Text: "Data-driven decisions with comprehensive visual dashboards". Callout: "Real-time Data".

**Custom Workflows:** Represented by a teal box with a wrench icon. Text: "Tailored processes that match your organizational structure". Callout: "Flexible".

# REGISTRATION



InsurAI

## Join Our AI-Powered Insurance Platform

Transform your insurance experience with cutting-edge artificial intelligence and secure enterprise solutions.



AI-Powered Risk Assessment



Enterprise-Grade Security



Collaborative Team Features



## Create Account

Join InsurAI and start your journey

Employee ID



gaaisha05@gmail.com

Full Name



AAISHA SULTANA GUDURU

Email Address



gaaisha05@gmail.com

Password



.....



Create Account

Already have an account?

# REGISTRATION

**InsurAI**

## Join Our AI-Powered Insurance Platform

Transform your insurance experience with cutting-edge artificial intelligence and secure enterprise solutions.

-  AI-Powered Risk Assessment
-  Enterprise-Grade Security
-  Collaborative Team Features



## Create Account

Join InsurAI and start your journey

ⓘ Email address already registered. Please use a different email.

**Employee ID**

**Full Name**

**Email Address**

**Password**  
 👁

**Create Account**

# LOGIN PAGE



**InsurAI**

## Welcome Back to InsurAI Platform

Access your AI-powered insurance dashboard and continue transforming the insurance experience.

-  Real-time Risk Analytics
-  Secure Enterprise Access
-  Team Collaboration Tools

Join 10,000+ insurance professionals worldwide



## Welcome Back

Login to your InsurAI account

Email Address

Password

Forgot Password?

**Sign In to Dashboard**

Don't have an account?  
[Create New Account](#)

 Secure Authentication • JWT Protected

# LOGIN PAGE

The screenshot shows a web browser window with the URL `localhost:5173/#/hr/login` in the address bar. The page is divided into two main sections: a left sidebar and a right login form.

**Left Sidebar (HR Management Portal):**

- InsurAI HR** logo (person icon)
- HR Management Portal** title
- Description: Access your comprehensive HR dashboard to manage employees, track performance, and oversee organizational operations.
- Icons for Employee Database Management (cube), Performance Analytics (checkmark), and Secure Access Control (lock).
- Text: Enterprise HR Management System

**Right Login Form:**

- HR Login** title
- Subtext: Access your HR dashboard
- Email Address**: `admin@insurai.com`
- Password**: `.....` (eye icon available)
- Access HR Dashboard** button
- Back to Home** link
- Footer: Secure HR Portal • Confidential Access

# LOGIN PAGE

The screenshot shows a web browser window with two open tabs. The left tab displays the 'System Administrator Portal' and the right tab displays the 'Admin Login' page.

**Left Tab: System Administrator Portal**

- InsurAI Admin** icon
- System Administrator Portal**
- Description: Access the comprehensive admin dashboard to manage users, monitor system performance, and configure enterprise settings.
- Links:
  - User Management & Permissions
  - System Configuration
  - Advanced Analytics & Reports
- Text: Enterprise-grade security and monitoring

**Right Tab: Admin Login**

- Admin Login** icon
- Text: Enter your credentials to access the dashboard
- Form fields:
  - Email Address: admin@insurai.com
  - Password: ..... (with eye icon)
- Access Admin Dashboard** button
- Text: System administrator access only
- Links:
  - Forgot Password?
  - ← Back to Portal
- Text: Secure Admin Access • JWT Protected

# VALIDATION

- ✓ Backend APIs tested using Postman
- ✓ Frontend tested on live Netlify deployment
- ✓ Role-based routing validated
- ✓ JWT token validation tested
- ✓ Multiple user flows verified

The screenshot shows the Postman interface with a collection named "22501A4401 AAISHA SULTANA ...". A POST request is selected for the URL "http://localhost:8080/admin/login". The "Body" tab is active, showing the following JSON payload:

```
1 {  
2   "email": "admin@insurai.com",  
3   "password": "Admin@123"  
4 }  
5
```

The response section shows a successful 200 OK status with a response time of 17 ms and a response size of 661 B. The response body is:

```
1 {  
2   "message": "Login successful",  
3   "name": "Admin",  
4   "role": "ADMIN",  
5   "token": "eyJhbGciOiJIUzI1NiJ9.  
       eyJzdWIiOiJhZG1pbkBpbnN1cmFpLmVbSIsInJvbGUIoJBRE1JTiIsImhdCI6MTc2NTk3OTAxOSwiZXhwIjoxNzY2MDY1ND  
       E5fQ.UrFZzxXCMm5KteI-Z7ch0ms6-DXhm7Q82ZimCEHygTc"  
6 }
```

# VALIDATION

The screenshot shows a web browser window with the URL `localhost:5173/#/admin/login`. The browser interface includes standard navigation buttons (back, forward, search) and a toolbar with icons for search, refresh, and user profile.

**System Administrator Portal (Left Side):**

- InsurAI Admin** logo icon.
- System Administrator Portal** title.
- Description: "Access the comprehensive admin dashboard to manage users, monitor system performance, and configure enterprise settings."
- Navigation links:
  - User Management & Permissions
  - System Configuration
  - Advanced Analytics & Reports
- Text at the bottom: "Enterprise-grade security and monitoring".

**Admin Login (Right Side):**

- Admin Login** title.
- Text: "Enter your credentials to access the dashboard".
- Feedback message: "Invalid admin credentials" (red background).
- Form fields:
  - Email Address: `hr@insurai.com`
  - Password: `.....` (eye icon for visibility)
- Large purple "Access Admin Dashboard" button.
- Text below the button: "System administrator access only".
- Links at the bottom: "Forgot Password?" and "← Back to Portal".
- Text at the very bottom: "Secure Admin Access • JWT Protected".

# DOCUMENTATION

The screenshot shows a GitHub repository page for 'INFOSYS-SPRINGBOARD-INSURAI-JAVA-TECH-STACK-PROJECT'. The repository is public and has 1 branch and 0 tags. The main commit is by 'gitsish' adding application properties for backend configuration. The README file provides an overview of the Insurai AI-powered insurance assistance system, mentioning it's a full-stack Java Tech Stack Project developed for Infosys Springboard. It supports multiple user roles and is deployed on Netlify. The backend is a Spring Boot application.

**Code** | [Issues](#) | [Pull requests](#) | [Actions](#) | [Projects](#) | [Wiki](#) | [Security](#) | [Insights](#) | [Settings](#)

**INFOSYS-SPRINGBOARD-INSURAI-JAVA-TECH-STACK-PROJECT** Public

**main** | 1 Branch | 0 Tags

**About**

No description, website, or topics provided.

Readme | Activity | 0 stars | 0 watching | 0 forks

**Releases**

No releases published | Create a new release

**Packages**

No packages published | Publish your first package

**Languages**

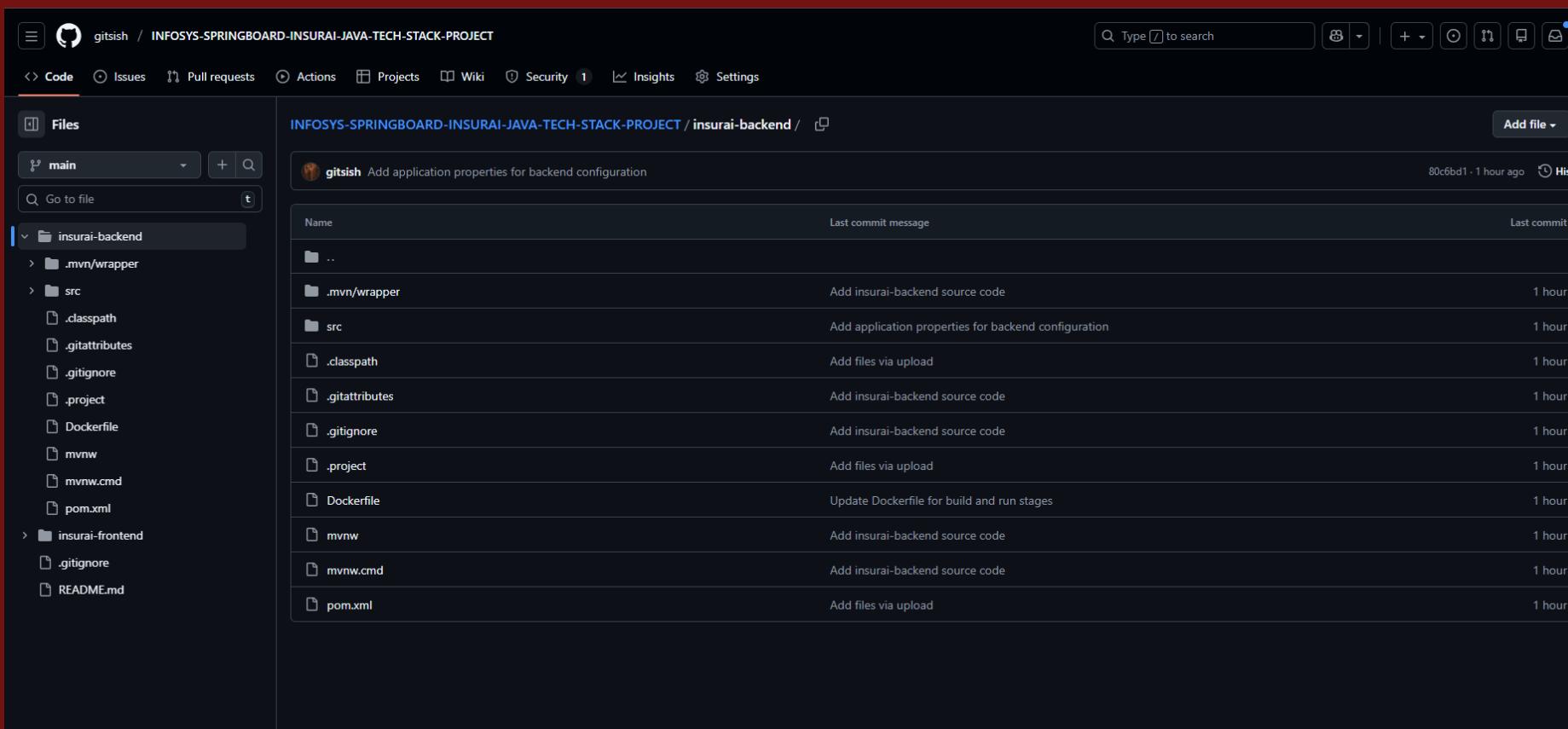
JavaScript 79.8% | Java 16.7% | CSS 3.5%

**Suggested workflows**

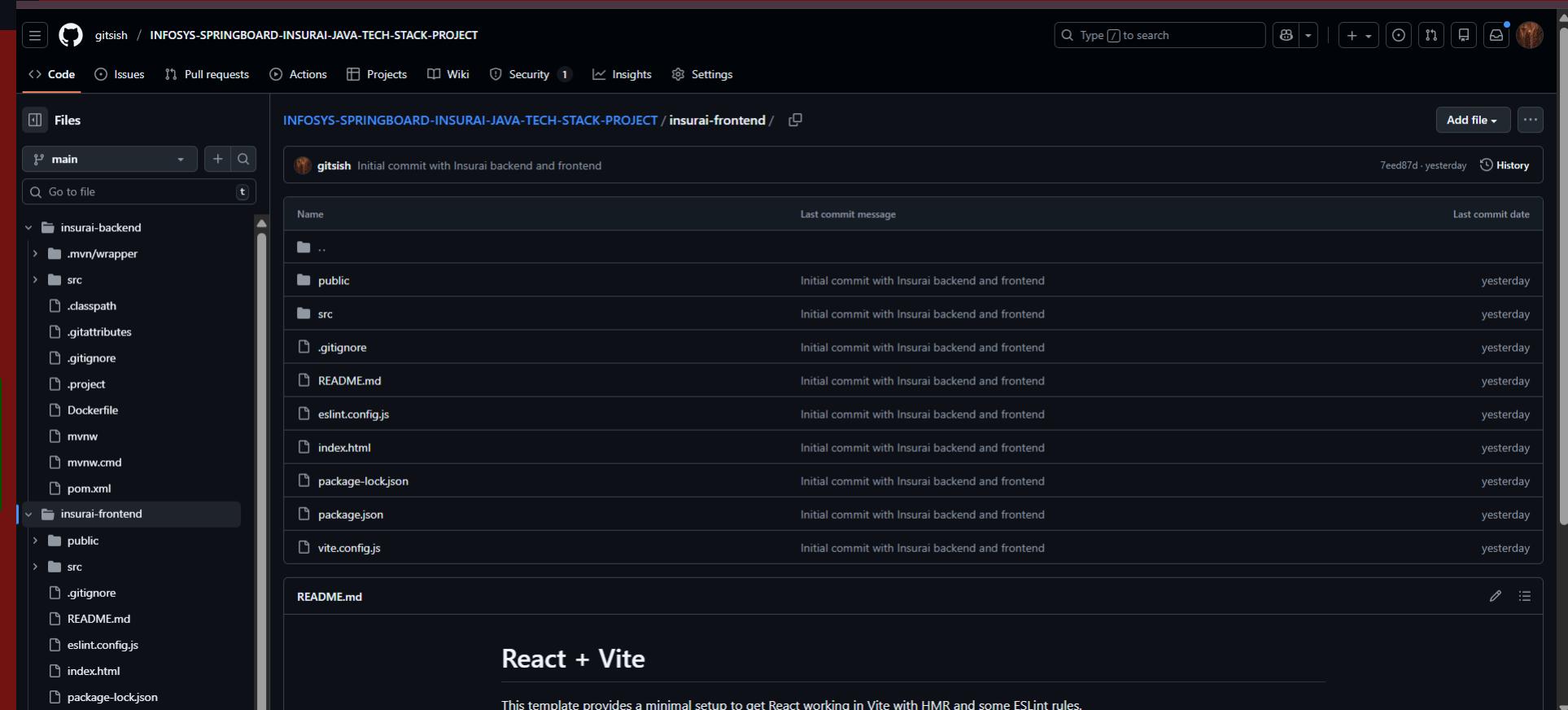
Based on your tech stack

README → <https://github.com/gitsish/INFOSYS-SPRINGBOARD-INSURAI-JAVA-TECH-STACK-PROJECT/blob/main/README.md>

# DOCUMENTATION



# BACKEND



# FRONTEND

REPOSITORY → <https://github.com/gitsish/INFOSYS-SPRINGBOARD-INSURAI-JAVA-TECH-STACK-PROJECT/tree/main>

# CONCLUSION

InsurAI is a complete AI-Powered Insurance Assistance Platform that demonstrates the practical implementation of Full-Stack Java development with modern frontend technologies and AI integration. The project successfully meets its objectives by providing a secure, scalable, and intelligent solution for insurance management.

The screenshot shows the InsurAI Admin Portal dashboard at [localhost:5173/#/admin/dashboard](http://localhost:5173/#/admin/dashboard). The dashboard has a purple header with the title "InsurAI Admin Portal" and "Administration Suite v2.0". It features a navigation sidebar on the left with links like Dashboard, User Management, Register HR, Register Agent, Policy Management, Claims Overview, Reports & Analytics, Fraud Detection, Audit Logs, System Online, and Admin Suite version v2.0.1. The main area has a title "Admin Dashboard Overview" and a message "Welcome back, Admin. Here's your system overview." It includes four cards: "Total Users" (5, 1 HR • 1 Agents • 3 Employees), "Claims Overview" (3, 0 pending • 3 resolved), "High Priority Alerts" (0, Require immediate attention), and "System Health" (100%, All systems operational). Below these are two sections: "Today's Summary" with New Users (0), Pending Claims (0), and Resolved Today (3), and a "Claims Overview" chart showing a single bar for "Resolved" claims at value 3 across categories Pending, Resolved, and High Priority.

THANK  
YOU

