

“InsightStream: Navigate
the News Landscape”

Introduction

It's not just another news app; it's a tool designed to solve key problems in the way people access and interact with news today.

- Project Title: “InsightStream: Navigate the News Landscape”

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Project Overview :

Purpose: It is to empower users to take control of their news consumption in an era of information overload and digital fragmentation.

- Features:
- Real-time news updates
- Category-based filtering
- Search functionality
- Personalized recommendations

Architecture

Frontend: React.js with Bootstrap and Material UI

Backend: Node.js and Express.js managing server logic and API endpoints

Database

- Frontend: React.js with Bootstrap and Material UI
- Backend: Node.js and Express.js managing server logic and API endpoints
- Database: MongoDB stores user data, project information, applications, and chat messages
- Content

Setup Instructions

Prerequisites:

- Node.js
- – MongoDB
- – Git
- – React.js
- – Express.js – Mongoose – Visual Studio Code.

Installation Steps:

Clone the repository git

- # Clone the repository git clone
- # Install client dependencies cd
- client npm install
- # Install server dependencies cd
- ../server npm install

Folder Structure

- Insightstream navigation The Newslandscape/
- |__components/
- |__pages/
- |__server/ # Node.js backend
- |__routes/
- |__models/
- |__controllers/
- Content
- Title of

- **The Problem:**

- The overwhelming volume of information available in the digital age and the challenges users face in finding credible, relevant news.

The Solution :

An introduction to the web application as a tool to overcome these challenges, focusing on its user-friendly interface and personalized experience.

Features & Functionality:

- **News Aggregation:**
- How InsightStream collects and presents news from various sources, potentially using AI to categorize and filter content.
- **Personalization:**
- How the application learns user preferences to deliver customized news feeds and content.

