



AI Code Review Assistant hero image

AI Code Review Assistant

Intelligent code review platform powered by AI, featuring real-time analysis, automated suggestions, and collaborative workflows for development teams

Full-Stack Developer & AI Engineer

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Project Overview

Technologies Used

Next.js

React

TypeScript

Prisma

SQLite

AWS S3

Socket.io

Radix UI

ai

code-review

nextjs

typescript

aws

collaboration

The Challenge

Building an AI-powered code review system that can analyze code quality, security vulnerabilities, and provide intelligent suggestions while handling real-time collaboration for distributed development teams.

The Solution

Developed a full-stack application using Next.js with AI integration through AWS services. Implemented real-time code analysis with Socket.io, created a comprehensive review dashboard with Radix UI components, and built an intelligent suggestion engine that learns from team coding patterns.

Key Metrics

85%

Code Reviews Automated

Percentage of routine checks automated

60%

Review Time Saved

Average time reduction in code reviews

92%

Security Issues Caught

Vulnerabilities detected before production

Screenshots



AI code review dashboard with suggestions

Intelligent dashboard showing automated suggestions and code quality metrics



Real-time collaborative code review session

Live collaborative reviews with AI-powered insights and team discussions

Links

Generated case study for AI Code Review Assistant