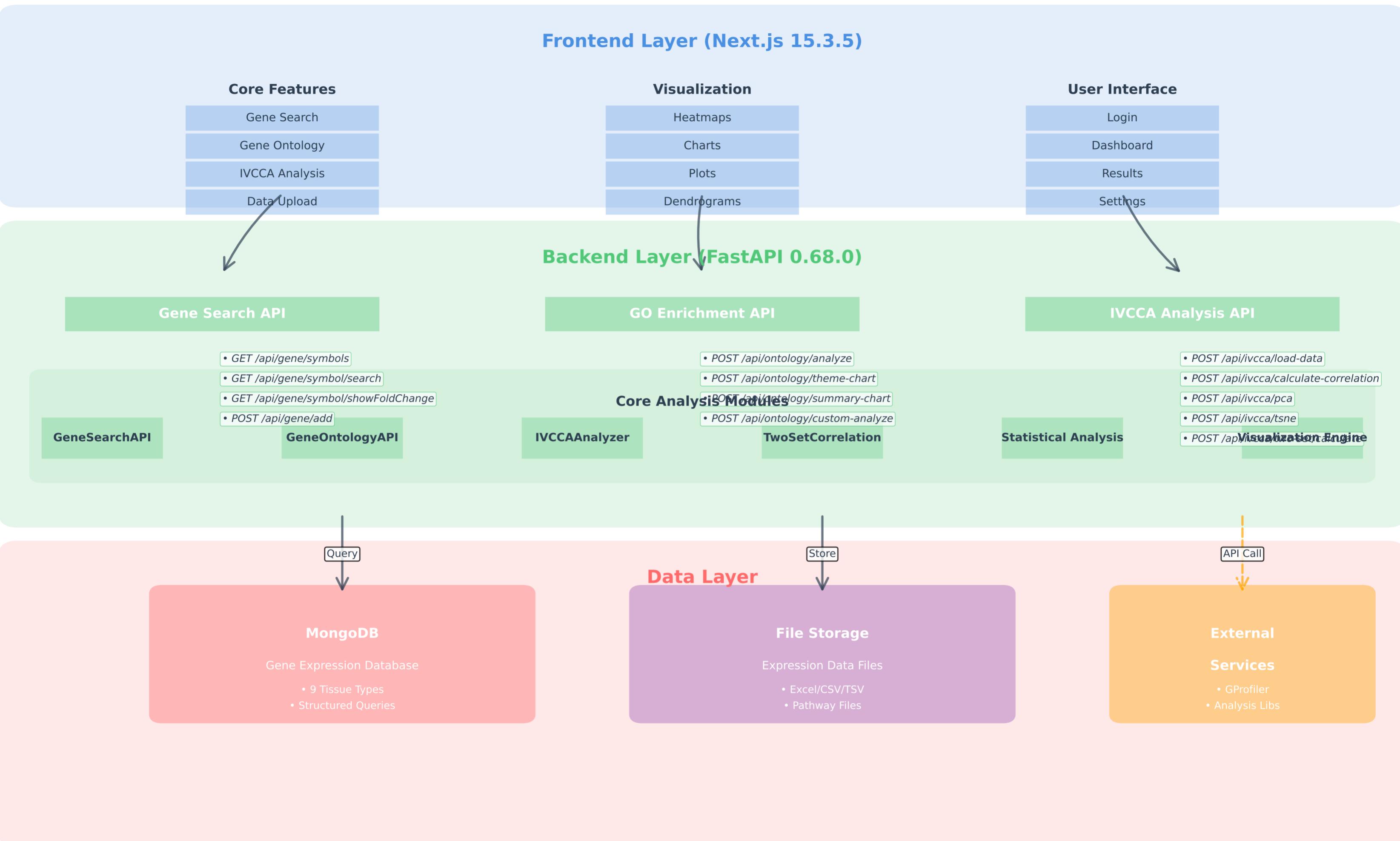




GenoCorr Platform: System Architecture



Technology Stack

Frontend: Next.js 15.3.5, React 19, TypeScript
 Backend: FastAPI 0.68.0, Python 3.12
 Database: MongoDB, PyMongo
 Analysis: pandas, NumPy, SciPy, scikit-learn
 Visualization: matplotlib, seaborn
 External: GProfiler API