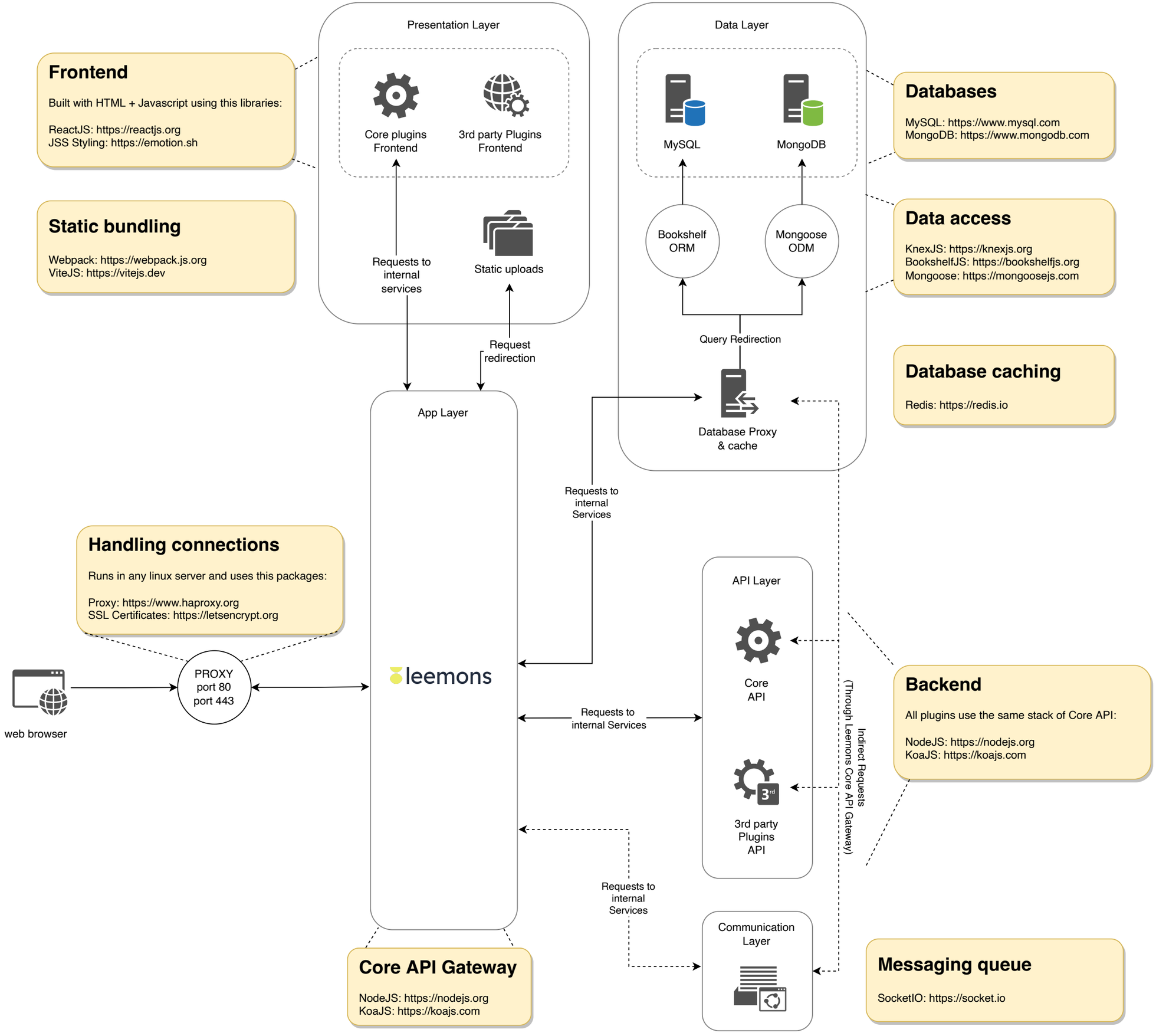
Frontend
Built with HTML + Javascript using this libraries:
ReactJS: https://reactjs.org
JSS Styling: https://emotion.sh
Static bundling
Webpack: https://webpack.js.org
ViteJS: https://vitejs.dev
Handling connections
Runs in any linux server and uses this packages:
Proxy: https://www.haproxy.org
SSL Certificates: https://letsencrypt.org
web browser
PROXY
port 80
port 443
Presentation Layer
Core plugins Frontend
3rd party Plugins Frontend
Requests to internal services
Static uploads
Request redirection
App Layer
leemons
Core API Gateway
NodeJS: https://nodejs.org
KoaJS: https://koajs.com
Data Layer
MySQL
MongoDB
Bookshelf ORM
Mongoose ODM
Query Redirection
Database Proxy & cache
Databases
MySQL: https://www.mysql.com
MongoDB: https://www.mongodb.com
Data access
KnexJS: https://knexjs.org
BookshelfJS: https://bookshelfjs.org
Mongoose: https://mongoosejs.com
Database caching
Redis: https://redis.io
Requests to internal Services
Requests to internal Services
API Layer
Core API
3rd party Plugins API
Indirect Requests (Through Leemons Core API Gateway)
Backend
All plugins use the same stack of Core API:
NodeJS: https://nodejs.org
KoaJS: https://koajs.com
Requests to internal Services
Communication Layer
Messaging queue
SocketIO: https://socket.io