Packages you need in every NodeJS/Express web application

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Body-parser

Body-parser is a Node.js body parsing middleware, it parses incoming request bodies in a middleware before your handlers.

Body-parser allows Express to read the body and then parse that into a Json object that we can understand.

It adds **body** property to the request object.
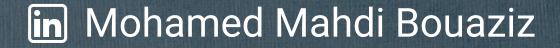
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Multer

Multer is a Node.js middleware for handling multipart/form-data. It is primarily used for file upload, and makes it more accessible (storing on disk / in memory /...) for further processing.

Without multer, you would have to parse the raw data yourself if you want to access the file.

Multer adds a **body** object and a **file** or **files** properties to the request object.

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Nodemon

Nodemon is a utility that will monitor for any changes in your source and automatically restart your server.

It is perfect for development. You need to install nodemon as a **dev dependency** since it is used only in the development environment.

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Mongoose

Mongoose is an Object Data Modeling (ODM) library for MongoDB and Node.js.

It manages relationships between data, provides schema validation, and is used to translate between objects in code and the representation of those objects in MongoDB.

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Sequelize

Sequelize is an Object-relational mapping (ORM) for Postgres, MySQL, MariaDB, SQLite and Microsoft SQL Server.

Without Sequelize, we'd have to execute SQL statements in order for us to interact with our database.

Sequelize handles this translation for us, allowing us to interact with a Postgres database using JavaScript instead of SQL.

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Express-validator

Express Validator is an Express middleware library that you can incorporate in your apps for server-side data validation.

Bcrypt.js

Since it is essential to salt and hash passwords before storing them in a secure database. bcrypt.js is a popular and trusted method for salt and hashing passwords.

Jsonwebtoken

Json Web Tokens are a stateless solution for authentication. So there is no need to store any session state on the server, which of course is perfect for restful APIs.

PDFKit

PDFKit is a PDF document generation library for Node and the browser that makes creating complex, multi-page, printable PDF documents easy.

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