**SERVER SIDE NPM NECESSARY PACKAGES FOR GK|SBS**

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| **Role** | **Package** | **Description** |
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| Server | Express | Web framework |
|  | Cors | Enable CORS for Express |
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|  | Body-parser | Parse incoming request bodies in a middleware before handling |
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| Security | Jsonwebtoken | JSON Web Tokens used to protect API endpoints |
|  | Express-jwt | Authenticate HTTP requests using JWT tokens, including: validate JsonWebTokens and sets req.user |
|  | Bcryptjs | Optimized bcrypt. Max input 72 bytes (UTF8encoded character use up 4 bytes) and length of generated hashes is 60 characters |
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| Database | Mongoskin | Mongo DB interaction |
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| Email | Nodemailer | Sending email |
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| Logger | Morgan | Logger |
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| Upload | Multer | Handling multipart/form-data, which is primarily used for uploading files |
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| CSV vs JSON | CSV | From CSV to JSON |
|  | Json2csv | JSON to CSV |
|  | Json2csv-stream |  |
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| Tools | q | Promise manipulation library |
|  | Lodash | Collection of tools to simplify and improve tasks handling with below data types:   * Array * Collection * Date * Function * Lang * Math * Number * Object * Seq * String * Util |
|  | JSHint | To detect errors and problems in Javascript code |