# Technologies Used

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| **Technology Name** | **Version** |
| PostgreSQL | PostgreSQL 12.1, compiled by Visual C++ build 1914, 64-bit |
| Java | java version "1.8.0\_261"  Java(TM) SE Runtime Environment (build 1.8.0\_261-b12)  Java HotSpot(TM) 64-Bit Server VM (build 25.261-b12, mixed mode) |
| Angular | Angular CLI: 8.0.2  Node: 10.15.1  OS: win32 x64  Angular:  ...  Package Version  ------------------------------------------------------  @angular-devkit/architect 0.800.2  @angular-devkit/core 8.0.2  @angular-devkit/schematics 8.0.2  @schematics/angular 8.0.2  @schematics/update 0.800.2  rxjs 6.4.0 |
| Bulma | bulma@0.9.0 |
| npm | { npm: '6.4.1',  ares: '1.15.0',  cldr: '33.1',  http\_parser: '2.8.0',  icu: '62.1',  modules: '64',  napi: '3',  nghttp2: '1.34.0',  node: '10.15.1',  openssl: '1.1.0j',  tz: '2018e',  unicode: '11.0',  uv: '1.23.2',  v8: '6.8.275.32-node.12',  zlib: '1.2.11' } |
| Spring Boot | 2.3.1.RELEASE |
| IntelliJ | IntelliJ IDEA 2020.1.2 (Community Edition)  Build #IC-201.7846.76, built on June 1, 2020 |

# Instructions to run project

# Step 1: Clone front end code

git clone <https://github.com/kowshik007/sms-fullstack-frontend.git>

Step 2: change director to sms-fullstack-frontend

cd sms-fullstack-frontend

Step 3: install npm packages

npm install

Step 4: run the angular project

npm start

Step 5: clone backend code(Need to come out of angular project)

git clone <https://github.com/kowshik007/sms-fullstack-challenge.git>

Step 6: import the project using Eclipse or IntelliJ

Step 7: Ensure the database connectivity details are correct in application.properties files

Step 8: run com.application.start.SmsFullstackChallengeApplication.java file

# Screenshots

<https://github.com/kowshik007/sms-fullstack-frontend/tree/master/Screenshots>

![A screenshot of a social media post

Description automatically generated]()

Fig 1: PostgreSQL database create statements

A screenshot of a social media post

Description automatically generatedFig 2: create record using API

![A screenshot of a social media post

Description automatically generated]()

Fig 3: Read records using API

![A screenshot of a social media post

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Fig: 4 update records using API

![A screenshot of a social media post

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Fig: 5 Delete record using API

![A screenshot of a social media post

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Fig 6: Fetch all records

![A screenshot of a social media post

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Fig7: Pagination in API

![A screenshot of a social media post

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Fig 8: Search records between given start and end time

![A screenshot of a social media post

Description automatically generated]()

Fig: 9 Sort by city ascending order

![A screenshot of a social media post

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Fig 10: Sort by city descending order

A screenshot of a cell phone

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Fig: 11 Index page

A screenshot of a cell phone

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Fig 12: Data page

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Fig 13: Data page 2

A screenshot of a cell phone

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Fig: 14 Display info 1

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Fig: 15 Display info 2

![A screenshot of a cell phone

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Fig: 16 Edit record page

A screenshot of a cell phone

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Fig 17: Routing after submitting edit request

A screenshot of a cell phone

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Fig: 18 Delete record

![A screenshot of a cell phone

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Fig 19: Delete record 2

A screenshot of a social media post

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Fig: 20 Search form

![A screenshot of a cell phone

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Fig: 21 Search results

# Frontend

<https://github.com/kowshik007/sms-fullstack-frontend>

# Backend

<https://github.com/kowshik007/sms-fullstack-challenge>