

# Priyanshu Patel

✉ priyanshu.sanjay.patel@gmail.com ☎ 6475689541 🌐 prisp09 in Priyanshu Patel

## Skills

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### Languages

Java, JavaScript, Python, SQL(MySQL, Postgres), MongoDB(MQL), Shell & Bash, C, HTML5, CSS3

### Frameworks/Libraries

Express.js, SpringBoot, React.js, Node.js, RESTful, Mongoose, JUnit, Multer, EJS, Bcrypt, JPA

### Tools

Git, Eclipse, Visual Studio, Beekeeper Studio, MySQL Shell & Workbench, Android Studio, Maven, Netlify CLI, Heroku CLI

## Experience

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### Software Developer, Allenfort Inc.

2022 Jan – present | Toronto, Canada

- Developed a full-stack web and mobile-based platform for the real estate industry.
- Designed **REST API** endpoints utilizing **Express.js**, connected to a **SQL(Postgres)** database hosted on **Heroku**.
- Implemented a **React.js** front-end to integrate and consume the REST API.
- Saved up to **15 minutes** per deployment by implementing **CI/CD** by using **GitHub** actions.

### Orientation Leader, Lassonde School of Engineering

2021 | Toronto, Canada

- Facilitated discussions regarding safety, diversity, and faculty rules for **1400 incoming students**.
- Provided a smooth transition from high school to university life for first-year students.
- Encouraged students to explore the various fields of engineering and computer science.

## Projects and Competitions

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### Plate-Saver, DeltaHacks8 Hackathon

2022 Jan

[Winner: MyPalate Inc Challenge for making the best application to bring communities together.]

- Built an **Android** application that connects restaurants with homeless shelters to provide the remaining portions of the day to prevent food waste and feed the hungry.
- Collaborated with a team of four and maintained version control through **GitHub** and **Git** actions.
- Used **Java** to program the back-end and create the front-end functionality.
- Contributed to the overall **design** decisions and helped create a streamlined user experience.

### Send It!, Password protected file sharing

- Utilized **Express.js** to handle routing and server-side logic.
- Incorporated **Mongoose** ODM to integrate the app with a **MongoDB** database.
- Applied the following libraries: **Multer** to support file uploads, **EJS** for templating various HTML views, **Bcrypt** for hashing and securing passwords, and **Dotenv** for managing environment variables.
- Introduced **nodemon** to streamline the development process of the application.

### Employee Management API, RESTful API

- Programmed a CRUD **RESTful API** to manage employees using **Java SpringBoot** to produce the API.
- Included the use of **Spring Data JPA** for simpler object persistence and managing relational data.
- Employed **MySQL** with **MySQL Workbench** to manage databases.
- Automated and packaged the project using **Maven**.

## Education

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### BSc. Computer Science,

York University - Lassonde School of Engineering

2018 Sep – 2022 Jun

Toronto, ON, Canada

- Awards: Lassonde Entrance Scholarship, Lassonde Student Excellence Scholarship.
- Activities: York University Student Orientation Leader, YUHacks Volunteer, York University Tour Guide.