# Ripandeep Singh

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## EXPERIENCE

**Fullstack Software Engineer**                                                                     May 2022 - Present

JPT Group Inc. | San Jose, CA

- Developed fullstack web and mobile applications utilizing React.js, Node.js and PostgreSQL while using agile methodology throughout the project development.
- Developed REST api in express.js with custom middlewares for validation and used firebase admin-sdk to authenticate users.
- Designed and managed the database for 3+ applications using PgAdmin.
- Ensured the performance, quality and responsiveness for 3+ applications.
- Built and managed docker containers running Node.js applications for deployment into GCP cloud run.

**Software Engineer**                                                                                   Jan 2022 - May 2022

Infosys Ltd. | Sunnyvale, CA

- Worked with advanced Java and created applications using spring-boot with MySql, aspect-oriented programming for exception handling and Log 4j for logging errors.
- Infosys certified spring (backend) developer.
- Infosys certified Angular (frontend) developer.

**Founding  Developer**                                                                              August 2021 - Jan 2022

Spotlyt Inc. | San Jose, CA

- Developed and maintained a web and mobile application using flutter software development kit.
- Implemented authentication and database using google firebase and cloud functions with performance and scalability in mind.
- Successfully integrated the app with payment provider architecture (Stripe), Instagram, and Mailchimp by making API calls using Node.js and cloud functions.

## PROJECTS

**EKart (Maven, Spring Boot and Angular)**                                                            February 2022

- Built a REST API using Entity classes by creating spring bean annotations with dependency injection.
- Implemented JPQL queries for MySQL using spring to manage database transactions by extending CRUD repository interfaces.
- Used aspect-oriented programming for exception handling, Log4j for logging error messages and unit tested the project by stubbing objects using Mockito.

**Class Note Sharing WebApp**                                                                             March 2021

- Built a web application to share notes among all students in a class for easy note taking. Embedded JavaScript, AJAX, HTML/CSS, and Bootstrap.
- Developed the backend of the application using Node.JS and Express Framework and MongoDB for storing data and implemented authentication using bcrypt (to salt and hash passwords).
- Designed UI using EJS, HTML/CSS and Bootstrap. New User Interface under development using ReactJS.

## EDUCATION

**San Jose State University** | Bachelor of Science in Computer Science                       Graduated - Dec 2021

**Fresno City College** | Associate of Science in Physics                                    Graduated - June 2019

**Fresno City College** | Associate of Science in Mathematics                                Graduated - June 2019

## SKILLS

Java | C++| Javascript | Python | React | React-native | Flutter | Node.js | Express.js | MySQL | PostgreSQL | MongoDB | Docker | GCP | Firebase | Threejs. | Google IT Automation with Python Specialization (certification).