

# LAKSHAY ROHILLA

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Detail-oriented Software Engineer with a strong foundation in frontend development and a knack for creating seamless user experiences. Dedicated to develop and optimize interactive, user-friendly, and feature-rich software solution. Leveraging my programming skills, data structure and algorithm & strong attention to details in order to deliver efficient high-quality software solutions & build new solutions from scratch. With a strong foundation in software development and a commitment to Agile methodologies, I aim to continue creating impactful applications, collaborating with cross-functional teams, and staying at the forefront of technological advancements in the software development industry.

## EDUCATION

**Bachelors of Computer Application** (GGSIPU) 2015-2018

80.8%

**Masters of Computer Application** (GGSIPU) 2018-2021

83.2%

## PROFESSIONAL EXPERIENCE

### SMS Digital (SMS Group)

#### *Software Engineer – Frontend*

*(May 2021 – Present)*

- Responsible for developing RESTAPI's endpoints.
- Responsible for creating UI for the new widgets (features).
- Implemented state management using Mobx (React) and NgRx (Angular).
- Maintained and managed the project with Scrum/Agile & Continuous Integration implementation.
- Implementation of an application using Material UI, Angular material & Plasma UI framework.
- Handling and transformation of the large data set to display it on the UI.
- Deploying Frontend using Open Lens Kubernetes.
- Created stateless, stateful & reusable UI components using React & Angular.
- Understanding of DOM(Document Object Model).
- Creation of Dashboards by implementing panels using Grafana for data visualization.
- Configuration of Kubernetes, and Prometheus for gathering real-time metrics data from various exporters.

#### *Software Engineer – Backend*

*(May 2021–Sep 2022)*

- Responsible for developing RESTAPI's endpoints using FastAPI.
- Implemented Linters, and made files.
- Dockerized linters, Jenkins & application setup.
- Implemented & maintained alembic revision for DB migration.
- Responsible for setting up applications from scratch in the required environment.
- Implemented Redis service modules & maintained Dependency Injection.
- Created Architectural Decision Records.

## SKILLS

<b>Languages</b>	Python3, HTML, CSS, JavaScript, Typescript, SQL, Web Services (RESTapi), Java
<b>Frameworks</b>	ReactJS/TS, AngularJS, Bootstrap, Material UI, Ant design, Plasma UI, FastAPI, Angular material, Rxjs
<b>Database</b>	MySQL, H2, Firebase, Azure Data Studio, Postgres SQL, SQL Alchemy(ORM), Alembic, Prometheus
<b>DevOps Tools</b>	Github, Gitlab, Gitea, Bitbucket, Docker, Kubernetes.
<b>State Management</b>	NgRx, Mobx, Redux
<b>HTTP Library</b>	Ajax, Axios
<b>IDE</b>	Pycharm, IntelliJ IDEA, Grafana, Visual Studio Code, JupyterLab, Android Studio, Adobe Premier Pro, Eclipse, NetBeans
<b>Tools</b>	Jira, Confluence, Jenkins, Swagger, Postman, Insomnia, Draw.io, Python linters (black, flake8, sqlfluff, sort, pylint, mypy), make, poetry, pydantic, exporters(Window, node, cloud watch, MySQL), netlify.
<b>Data Streaming</b>	Redis
<b>OS</b>	MacOS, Windows, Linux, Ubuntu

## Data Structures & Algorithm

## PERSONAL PROJECTS

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### Yogantaram(Website for a Certified Yoga Therapist) ([Link](#))

- Tech: ReactJs, HTML5, CSS3, EmailJs, SwipperJs, React hooks, Framer motion, Material UI, IconScout, Media Query, CSS module, Firebase, Router, react count-up.

### Portfolio ([Link](#))

- Tech: ReactJs, HTML5, CSS3, EmailJs, SwipperJs, React hooks, Framer motion, IconScout, Media Query, React smooth scroll.

### Food Ordering App ([Link](#))

- Tech: ReactJs, HTML5, CSS3, React Portals, React hooks, Firebase, RestApi`s, Media Query

### Expense Tracker App ([Link](#))

- Tech: ReactJs, HTML5, CSS3, React hooks, Media query.

### Country Population ([Link](#))

- Tech: Pure JavaScript, HTML5, CSS3, DOM, AJAX, restcountries API.

### Bankist Application ([Link](#))

- Tech: Pure JavaScript, HTML5, CSS3, DOM.

### Dice Game ([Link](#))

- Tech: Pure JavaScript, HTML5, CSS3, DOM.

### TO-DO Application ([Link](#))

- Tech: ReactJs, React hooks, HTML5, CSS3.

## ACHIEVEMENTS

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- **6 Gold Badges, 11 Silver Badges on Stack Overflow** - Popular contributions to the community on Stack Overflow.
- **Jawahar Lal Nehru Zonal Science Exhibition** - Secured 1st position for outstanding performance
- **Android Application Development "Pahal"** - Secured 2nd position for Developing Android Application
- **International Art & Craft Competition** - Secured 2nd position
- **Android Application Development "Annapurna"** - Secured 3rd position for Developing Android Application
- **Cleared Hacker Rank SQL Assessment**

## CERTIFICATES

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- **The Complete JavaScript Course** – Udemy
- **React - The Complete Guide** – Udemy
- **Python For Data Science** – IBM
- **Data Analysis with Python** - IBM
- **Digital Transformation Program** – Java Enterprise Apps With DevOps - NIIT Technologies Limited
- **Python, Java, C, C++** - IIT Bombay