

# Raj RakeshKumar Shah

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## 🏢 Professional Experience

**Accenture Solution Pvt Ltd.**, Associate Software Engineer ✉

Sep 2021 – Jul 2023 | Pune, India

- Developed and maintained multiple applications of **Ireland banking domain**, while working as a part of the **JavaScript team**.
- Implemented new functionalities in applications and provided support for existing applications.
- Utilized a range of **JavaScript frameworks** such as **ReactJs, NodeJs, ExpressJs, and MongoDB**.
- Designed and coded applications in line with programming standards and interface specifications, providing primary support for the installation of application releases into production.
- Translated system requirements into design specifications and created an implementation or integration approach for applications and components.
- Worked closely with the team to optimize application performance and achieve high availability.
- Collaborated with cross-functional teams to identify and resolve bugs in **React code**.
- Gained valuable experience in a fast-paced environment, developing and maintaining applications.
- Emphasized collaboration, communication, and data-driven decision-making.
- Demonstrated strong analytical and troubleshooting skills in high-pressure situations.

**Synoverge Technologies Pvt. Ltd.**, Software Developer

Feb 2021 – Aug 2021 | Ahmedabad, India

- Collaborated with a team on multiple projects to design and **develop software solutions** addressing real-world problems.
- Actively participated in Agile software development, contributing to both **iOS and Android** projects.
- Engaged in diverse projects involving **Dart programming, mobile** application development, **web** development.
- Developed and maintained mobile and web applications using **Flutter**.
- Gained practical knowledge of **mobile and web development concepts, including the Model-View-Controller (MVC) structure, Firebase**.
- Demonstrated proficiency in identifying and implementing efficient solutions for performance improvements.
- Fostered effective collaboration and maintained positive and proactive communication within the team.
- Acquired hands-on experience with multiple frameworks and technologies.
- Displayed adaptability, a quick learning ability, and a relentless drive for exploration and innovation, consistently acquiring new concepts and pioneering novel approaches as a valuable team member.

**AHASolar Technologies Ltd.**, Python Full Stack Developer Intern

May 2020 – Jan 2021 | Ahmedabad, India

- During my internship, I took on the responsibility of learning about logic development with **Python** and the basics of **Optical Character Recognition (OCR)**.
- Collaborated with my supervisor and researched online resources to gain a deeper understanding of OCR functionality.
- Implemented a React front-end with best practices, resulting in a 25% faster page loading time and a 50% increase in user engagement.

## 🎓 Education

**Master of Engineering in Electrical and Computer**, University of Windsor ✉

Sep 2023 – present | Windsor, Canada

- Developed skills in **Machine Learning, Database Topics**,
- Developed effective **communication and presentation skills**, including presenting technical concepts to both technical and non-technical audiences.

**Bachelor of computer engineering**, LDRP Institute of Technology and Research ✉

2017 – 2021 | Gandhinagar, India

- Developed skills in **software development**, including designing, implementing, testing, and debugging software applications.
- Studied fundamental concepts of **computer networks, database systems, operating systems, and algorithms**.
- Completed coursework in topics such as **data structures, computer architecture**, computer organization, and computer graphics.
- Completed internships with software development firms, gaining experience in the **software development life cycle, agile methodologies**, and software engineering best practices.

## 🛠️ Technical Skills

**Languages** : JavaScript, TypeScript, Java

**Frontend Technologies** : React, HTML5, CSS3, Bootstrap, Material UI, Tailwind

**Backend Frameworks** : NodeJs, ExpressJs

**Tools/Methodologies** : Git, NPM, GitHub, Postman, Jenkins

**Databases** : MongoDB, MySQL, Supabase

**Other technologies**: Data structures and Algorithms, Object Oriented Design, Object-relational mapper, MS Office, Software Development Life Cycle

## 📁 Projects

**Expense Tracker** ✉

**Technologies**: React.js, TypeScript, Express.js, MongoDB, Node.js

- Developed an expense tracker application using **Agile methodology** that categorizes, tracks various expenditures like groceries, rent, furniture, and more, presenting visual charts for clear insights into spending patterns

**Business Card Data Extraction** ✉

**Technologies**: Django, Python, SQLite, HTML, CSS, Bootstrap

- Designed and developed an **Optical Character Recognition (OCR)** system to automate digitization of over **500** business cards with a high accuracy rate of **95%**.
- Classified extracted text from business card images into **7 respective fields**, reducing the time required to digitize and organize business card data by **70%**.

## 📜 Certificates

- MongoDB Associate Developer Exam Node.js ✉
- MongoDB SI Associate Certification
- Stream training and assessment in the Tech Expressway program by Accenture.

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