






KRUNAL PARMAR

Software Engineer

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PROFESSIONAL SUMMARY

- 1+ years of experience in developing web-based applications, software development, and design using **Python, JavaScript, React.js, Node.js, REST APIs, and databases such as SQL and NoSQL.**
- Highly skilled and practical experience in the development of **RESTful APIs** using **microservices architecture** in **JAVA, Node.js, Express.js, Flask**, and others.
- Extensive experience in developing interactive front-end development using **JavaScript, React JS, Redux, HTML/HTML5, XML, DHTML, CSS/CSS3, SASS/SCSS, Bootstrap, LESS, Flex, JQuery, JSON, Ajax.**
- Familiarity with creating and deploying **cloud-based** applications/services in an **AWS environment.**
- Familiar with **DevOps, CI/CD** (continuous integration, continuous delivery), and using containers like **Docker.**
- Knowledge in **SAS** and machine learning models.
- A solid grasp of the **Software Development Life Cycle** processes for agile development, testing, and release, as well as strong problem-solving abilities.

EXPERIENCE

WIMTACH

01/2022 - 06/2022

Software Engineer Intern — JavaScript, ReactJS, Python, Flask, REST APIs, HTML, CSS

Toronto, Canada

- Created a **React-based** OCR software to identify text from images and translate it to speech for the use of **150+** kids.
- Implemented interactive React JS components by utilizing **one-way data flow, virtual DOM, JSX, forms, events, keys, and router**, plus worked with **Redux architecture** to manage the **state** of an entire web application.
- Worked on React Hooks such as **useState, useEffect, useReducer, useRef, custom hooks**, and so on by following the principle of functional programming.
- Worked on creating **REST API in Python** using **Flask** as a server to perform the **CRUD operations**, create the **web services**, and tested on **Postman**.
- Performed an **integration**, and achieved the accuracy of predictions to more than **90 percent**.

Accupoint Software Solutions

11/2019 - 07/2020

Web Developer — JavaScript, React, Python, HTML5, CSS3, Bootstrap, jQuery

Ahmedabad, Gujarat, India

- Collaborated closely with the development team to build the school's website, which **automates** the management of attendance, students, parents, teachers, and timetables.
- Involved in **complete Life Cycle** of web applications including **Analysis, Architecture, Design, Development, and Testing.**
- Worked with **Axios, a promise-based HTTP client** for the browser, and **Flask** for **hitting REST endpoints** and **fetching data** into the web application.
- Contributed with team members using version control systems such as **Git** and Used **JIRA** for assigned task tracking.

EDUCATION

Advanced Diploma in Software Engineering Technology - Artificial Intelligence

01/2021 - 05/2022

Centennial College — GPA: 4.0/4.5

Toronto, Canada

Bachelor of Engineering in Computer Engineering

08/2015 - 08/2019

Kadi Sarva Vishwavidhyalaya — Grade: **Distinction**

Gandhinagar, Gujarat, India

TECHNICAL SKILLS

Languages: JavaScript, Python, HTML5, CSS3

Frameworks / Libraries: Flask, PySpark, React.js, Node.js, Express.js, Bootstrap, jQuery, Ajax

Database: SQL, NoSQL, MongoDB, PostgreSQL, DynamoDB, Oracle

Developer Tools: git, AWS, Postman, Docker, Jira, Asana, Figma

Other: MERN Stack, Web Development, Machine Learning, SDLC, Object Oriented Programming, MVC Architecture, REST, API Development, SOAP, CI/CD, Agile Development with Scrum, Troubleshooting, Debugging Issues, QA

PROJECTS

Intelligent Search | *Python, JavaScript, React.js, MongoDB, RESTful APIs* |

- Developed a web app using Object Oriented Programming to **help organizations to search for answers** to input questions from uploaded documents.
- Implemented **10+** features of dynamic user and admin **dashboards** with **React, state management, and JWT**.
- Built **RESTful APIs** for **CRUD operations, file uploading**, and to **search answers** from trained data using Python and Flask.

Card Scanner | *Python, AWS, AWS Cognito, ReactJS, DynamoDB* | [Link to Check out](#)

- Created a **multi-user website** that can **upload** any card image to an **S3 bucket** and recognize card details.
- Developed backend APIs for **AWS services** to identify entities, store card data in the database, and fetch it using Axios.
- Offers capabilities like **multi-user login, search all contacts, search by name, and send contact details via email**.

Incident Management System | *JavaScript, Angular.js, Express.js, MongoDB, Node.js, REST APIs* | [Link to Check out](#)

- Developed a website to help customers to raise the **system-related tickets** for the **admin to resolve**.
- Implemented **JWT authentication for security, route guards, audit trail** to track the journey of the raised ticket, and REST APIs.

Amazon Clone | *JavaScript, React.js, Redux, Sass, Firebase* | [Link to Check out](#)

- Designed an **Amazon clone**, where users can sign up, add items to the cart, update the cart, remove items from the cart.
- Built **interactive reusable components** with React.js that saved over **100+** hours of development time per month and **managed state** with redux. Also, multi-user login, authentication, and website is deployed using **firebase**.

CERTIFICATIONS

- * Become a **Flask Developer** - LinkedIn Learning - 01/2022
- * Become a **React Developer** - LinkedIn Learning - 01/2022
- * **Node.js** Essential Training - LinkedIn Learning - 12/2021

ACHIEVEMENTS AND EXTRA-CURRICULAR ACTIVITIES

- * Secured **1st** position in the Manage My Groceries Hackathon - 01/2022
- * Secured **2nd** position in the Reading Partnership Hackathon in collaboration with WIMTACH - 12/2021
- * Significantly contributed in a team of 4, and ranked in top **10** among **500 teams** (Gov. of India Hackathon) - 2017/18