

SALONI PARMAR

(BACKEND DEVELOPER)

Address: “Shri Mahakali Krupa”, Shiv-Park 1, Raiya Road, Rajkot- 360007

Email: salonip2810@gmail.com

Mobile Number: 7874723677

LinkedIn: <https://www.linkedin.com/in/saloni-parmar-a5a693255>

PROFILE

Passionate Backend Developer with a strong interest in IoT technology, specializing in implementing scalable, efficient and robust backend solutions. Experienced in building and optimizing APIs, databases, and cloud infrastructure to support high-performance applications. Dedicated to continuous learning and staying up to date with emerging technologies to deliver innovative solutions.

INTERNSHIPS

Android | WebCodeGenie Technology Pvt Ltd | Ahmedabad, Gujarat | Jan 2023 - Apr 2023

- Gained hands-on experience in Android app development
- Enhanced coding skills and absorbed industry insights

Web Designer | Wings Tech | Rajkot, Gujarat | Jun 2022 - Jul 2022

- Designed multiple web pages with HTML, CSS, and Bootstrap
- Collaborated with teams to implement design concepts

EMPLOYMENT HISTORY

Backend Developer | Promeraki Developments Pvt Ltd | Rajkot, Gujarat | Jan 2024 — Present

Project Title	:	Automated Irrigation System
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Project Responsibilities:

- Designed and implemented APIs and processors for smooth device communication
- Enabled remote control for gates, allowing users to adjust water flow
- Built a real-time processing system to log data, generate events, and trigger notifications and alarms based on device transmissions
- Created an automated irrigation system with rule-based adjustments, optimizing water usage based on soil moisture levels
- Managed and optimized databases to ensure reliable data storage and retrieval
- Tested APIs using unit testing and debugged processors for error-free functionality
- Performed integration testing on the web to ensure seamless system interactions

Key Skills:

- TypeScript, JavaScript (Programming Language)
- Node.js (JavaScript runtime environment)
- NestJs (Framework)
- WebSocket (Protocol)
- Expo-notification (Library)

- PostgreSQL, InfluxDB (Database)
- SNS, SQS, CloudWatch, IOT (AWS services)
- AWS SDK for Javascript v3

Python Developer | Arity Infoway | Rajkot, Gujarat | Jun 2023 - Jan 2024

Project Title	:	Data Scraping From Biometric Machine
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Project Responsibilities:

- Implemented live data fetching functionality for real-time updates
- Developed a system to retrieve data from multiple biometric machines efficiently
- Implemented data filtration in APIs to refine and structure retrieved data
- Enabled CSV file generation and download via APIs for easy data export

Key Skills:

- Python (Programming Language)
- Pyzk Library

Project Title	:	AI-Powered Image Generation and Similarity Search
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Project Responsibilities:

- Developed a robust image search engine to identify and retrieve visually similar images based on user-provided text queries
- Achieved 90% accuracy in retrieving relevant images based on visual similarity
- Streamlined image creation by integrating a pre-built AI-powered API
- Built a system to generate images that closely align with text descriptions, achieving 90% accuracy

Key Skills:

- Python (Programming Language)
- DeepImageSearch Library

Education:

- Bachelor of Engineering in Computer from Government Engineering College, Rajkot, Gujarat (May 2019 - May 2023)

Personal Details:

- Name: Saloni Parmar
- Father's Name: Bharat Parmar
- Mother's Name: Harsha Parmar
- Date of Birth: 28/10/2001
- Nationality: Indian
- Hobbies: Reading, Dancing, Travelling, Trekking
- Language's Known: English, Hindi, Gujarati