

Rinkal Patel

Gyotoku

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Summary

- Experienced Full Stack Developer with **7+ years** of professional experience in backend systems, API development, and end-to-end application delivery.
- Currently working in Tokyo, Japan, as a Senior Backend Developer at Japanese client company focusing on high-performance API development and IoT backend integration using **MQTT and Bluetooth**.
- Hands-on experience with diverse technology stacks, including **Python** (FastAPI, Django, PyQt5), **Ruby** (Rails), **PHP** (Laravel), **JavaScript** (Angular, Bootstrap, jQuery), and cloud technologies like **AWS** (EC2, Lambda, Step Functions, IoT Core, Cognito, CloudWatch, **CodePipeline**, KMS, SQS, Pinpoint). Experienced in using **Docker** for containerization and **CI/CD pipelines** for automated build, test, and deployment workflows.
- Skilled in working with relational databases like **MySQL** and **PostgreSQL**. Proficient in version control using SVN and GitHub.
- Familiar with development and testing tools like **Visual Studio**, **PyCharm**, **Postman**, and **Swagger**.
- Adept at designing scalable systems, developing cross-platform solutions, and ensuring secure communication between mobile apps and IoT devices.
- Known for strong problem-solving abilities, good communication skills, and self-motivation. Certified Business Level Fluency in Japanese Language (**JLPT N3**).

Experience

Unikaihatsu Software Pvt. Ltd., Tokyo, Japan

Jun 2018 - Present

Analyst Programmer

- Leading backend development for high-performance APIs and backend services at a Japanese client company.
- **Smart Lock IoT System:** Developed backend for smart home solutions, integrating Bluetooth and MQTT protocols for secure lock/unlock functions, QR code-based offline access, and smart facility control. Deployed via AWS services including Lambda, EC2, IoT Core, and Cognito.
- Responsible for creating design documents **entirely in Japanese**, developing backend APIs (**FastAPI**, **Python**), writing test specifications, and performing unit and integration testing with IoT devices.

Senior Programmer

- Contributed to the development and maintenance of full-stack applications using **Python**, **Ruby on Rails**, and **MySQL**. Responsibilities included requirement gathering, design, implementation, and bug detection - resolution.
- **Unikaihatsu System Monitoring Tool:** Built a desktop application using PyQt5 to monitor system health, retrieve hardware/software details, and log remote work activities which enables easy system administration and orchestration .
- **Sokuho Board:** Implemented Angular dashboards to visualize sales data for a major retail client by block, area, and store with PDF export functionality enabling efficient sales tracking and management.
- **WorkFlow Go System:** Designed and Developed a RoR based unified web platform for product and revenue management for a major retail client to streamline product and sales data management.
- **Shop Mall:** Created backend APIs for a PHP based e-commerce Thrift Apparel Platform, implemented PDF report download functionality, and ensured mobile compatibility.

Education

Gujarat Technical University, Anand, India

2014 - 2018

Bachelor of Technology, Computer Science Engineering

- Graduate Honors with 8.15 CGPA
- Member of Dean's List

Achievements

- **Shree Devang Mehta IT Award – 2015, 2016, 2017:** Alumni Award awarded to scholars with exemplary Academic Performance
- **1st Runner-up – Hackathon, DJMIT Anand-** Participated and won Inter-college software hackathon by developing a Python based CRM solution.
- **Amul Vidya Shree Award:** Alumni Award awarded to highest performing Junior Science Scholar in the District