

Dhrumil Patel

dhrumilpateldev@gmail.com | [linkedin](#) | [github](#) | dhrumilpatel.dev

EXPERIENCE

Pleasantbiz | *Frappe, Python, Azure, Ory, Pub-Sub Model, Restic*
Software Engineer

Sep 2024 - Apr 2025 (8 months)
Remote (Part-time + Intern)

- Managed and deployed infrastructure across **Azure** using **Container Apps, Blob Storage, Service Bus, Functions, VMs**, and maintained **dev, UAT, and production** environments.
- Self-hosted and extended **ERPNext** with multi-company setup, including custom modules like **hostel management**, deployed via **GitHub Actions** and **Docker**.
- Integrated **Razorpay** and **CCAvenue** payment gateways; built automation flows for tasks like invoice generation.
- Developed a **publisher-subscriber system** on Azure Service Bus with a custom Frappe app for publishing messages with dynamic message templates and rendering logic.
- Designed and implemented an authentication and authorization network using **Ory Kratos, Keto, and OAuthKeeper** with role-based access control.
- Automated and scheduled encrypted database and file backups via **Restic** to Azure Blob Storage using **cron jobs**.

MasterCard | *Spring boot, React, PCF, Oracle, OpenAPI, Redux*
Software Engineering Intern

May 2024 - July 2024(2 months)
Vadodara, Gujarat

- Developed a **subscription management portal** for the product owners in the organization.
- Created an innovative solution for **automating redundant code** creation within the project, significantly improving development efficiency and consistency.
- Implemented **diverse automation testing techniques**, including functional and unit tests, for **100% line and conditional coverage** on code logic, significantly improving overall product maintainability.
- Utilized tools like **PCF** for seamless cloud deployment, **Confluence** for effective documentation, and **SonarQube** to continuously monitor and ensure high code quality throughout the development process.

KrewBee | *Dotnet, Postgres, Docker, Azure, Blob storage*
Software Engineer, Backend

Dec 2023 - April 2024(5 months)
Remote(Part-time)

- Developed a **SaaS-based hostel management** backend, leveraging **.NET API** to create RESTful APIs within a microservices architecture, and containerized the services using **Docker** for deployment.
- Architected and deployed **eight micro-services** following the **CQRS pattern**, improving scalability, maintainability, and reusability by distributing the project into manageable components.
- Mastered unit testing with **xUnit** to ensure robust code through various testing strategies.
- Enhanced project management skills through effective use of **Jira** and **Confluence**, and refined Git expertise to streamline version control and collaboration.

EDUCATION

Dharmsinh Desai University
Bachelor of Technology in Computer Engineering (9.15 CPI)

Nadiad, Gujarat
Oct. 2021 – May 2025

PROJECTS

PuzzlePro | *Flutter, Python Fast API, Docker, Azure, Machine Learning(CNN)*

[GitHub](#)

- Developed a full-featured **Sudoku app** with generation, hints, and solution features.
- Added a **Sudoku image scanner** using a **CNN model** for real-time puzzle solving.
- Containerized and deployed on **Azure** using **CI/CD** pipelines with GitHub Actions.

SKILLS AND ACHIEVEMENTS

Languages: Java, Python, C/C++, SQL, JavaScript/TypeScript, PHP, Dart, Go, Bash.

Frameworks/Libraries: React, Next.js, Spring boot, Express.js, Django, .NET, Flutter.

Tools: Git, IntelliJ, VS Code, Visual Studio, Postman, Jira, Confluence.

Cloud: Azure(application deployment, CI/CD, Blob Storage, Service Bus), AWS