

# Dhawal Pandya

Software Engineer

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## SKILLS

Python • JavaScript • Go • Java • PostgreSQL • MongoDB • Docker

React • NextJS • Angular • Flask • Node • Spring Boot • Kafka • GCP • AWS

## EXPERIENCE

### Full-Stack Developer • Neweb Labs

April 2023 - Present

- Coding, debugging, refactoring and maintaining code-base for Go (Golang) and Java based REST API backend services deployed in production environment
- Improved system workflow to be optimised for paid and unpaid video streaming, with the relevant security measures, reducing latencies to 120ms
- Wrote 6 core and 5 auxiliary microservices from scratch and took responsibility for seeing it through to completion
- Integrated Payment Gateways, Stripe and RazorPay into the platform using their SDK and writing custom functions wherever required
- Integrated the AWS S3 service and using their SDK wrote low-latency, high performance delivery system of media files for the platform
- Worked as part of the core team for the frontend code-base and developed entire sections of the code-base from inception to production
- Took complete ownership of testing, deploying, and maintaining services for the whole build process, ensuring reliability and high performance
- Implemented comprehensive testing strategies, including unit, integration, and system tests to make a system more robust with coverage of more than 80% of the code-base
- Actively participated in code and design reviews and provided detailed feedback, including selection of suitable frontend technologies
- Also participated in discussions including selection of suitable technologies for frontend, backend or a DBMS

## PROJECTS

### Portfolio Website - [Demo](#) • [Code](#)

Made using React which displays all the crucial information about me. It showcases all my talents as a Software Engineer

### Conway's Game Of Life - [Demo](#) • [Code](#)

Made John Conway's Game Of Life simulation in React

It follows the three rules laid down by him to create a truly Zero-Player-Game

You can play around with different designs and it will take your design as seeds for the simulation

## EDUCATION

Bachelor of Science • Veer Narmad South Gujarat University

Distinction

## CERTIFICATES

JavaScript (Intermediate)

HackerRank (2022)

Python (Intermediate)

HackerRank (2022)

Namaste React

NamasteDev (2023)

## PUBLICATIONS

- [10 Best Practices for Writing Clean React Code](#)
- [What Is a Python KeyError Exception and How to Fix It?](#)
- [Master React User Authentication: A Comprehensive Guide](#)