

# Param Pathak

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github.com/pkp2207 | Codeforces (Expert) | CodeChef 5-star (2080)

## Summary

Early-career Software Engineer who enjoys building and shipping high-quality, user-facing products in fast-moving environments.

## Education

### Bachelor of Technology in Computer Science and Engineering

Sardar Vallabhbhai National Institute of Technology (SVNIT)

Nov. 2022 – May 2026

Surat, Gujarat

- CGPA: 8.91 / 10.0

## Experience

### Software Engineer – Contract

Sept. 2025 – Nov. 2025

AfterQuery

Remote

- Worked on building and reviewing structured evaluation workflows for AI-driven systems, focusing on correctness, edge cases, and consistency.
- Designed quality checks and validation logic to surface failures early and improve reliability of downstream outputs.
- Collaborated asynchronously with cross-functional teams, iterating quickly based on feedback in a fast-paced environment.

### Software Engineering Intern

May 2025 – July 2025

Visa

Bangalore, India

- Shipped production backend features for internal platforms used by multiple teams, taking ownership from design to deployment.
- Built Python-based automation and monitoring tools that surfaced issues early and reduced incident resolution time by 90%.
- Integrated CI/CD pipelines using Jenkins and ServiceNow, improving deployment speed and reliability.
- Worked closely with engineers and stakeholders in design reviews and iterative release cycles.

### Software Engineering Intern

Aug. 2024 – Mar. 2025

Paragon Irrigation Inc.

Remote

- Developed and maintained a full-stack web application using TypeScript, Next.js, and PostgreSQL on AWS.
- Built and iterated on APIs and frontend features used in day-to-day operations.
- Improved performance and reliability through testing, debugging, and incremental refactors.
- Worked in a remote, fast-moving team with frequent feedback and feature releases.

## Projects

### PKPrep – AI Interview Platform

GitHub

React, Next.js, TypeScript, Python, AWS

- Built and shipped a full-stack web platform used for 200+ mock interview sessions, supporting real-time interactions and feedback.
- Worked across frontend and backend boundaries to deliver features end-to-end.
- Improved UX, performance, and reliability through rapid iteration and user feedback.

### PKPCare – Healthcare Scheduling System

GitHub

React, TypeScript, Python, PostgreSQL

- Built user-facing scheduling and notification flows with real-time updates.
- Designed backend APIs and background jobs to handle reminders and edge cases reliably.

## Technical Skills

**Frontend:** React, Next.js, React Native, HTML, CSS

**Backend:** Node.js, Express, Django, FastAPI,

**Databases:** PostgreSQL, MySQL, MongoDB, Redis

**Cloud & Infra:** AWS (EC2, S3, RDS, Lambda), Kubernetes, Docker, Jenkins CI/CD

**Languages:** JavaScript, TypeScript, Python, C++, Java, Go, Ruby

**Concepts:** Full-stack Development, System Design, Distributed Systems Fundamentals