

KUNAL PATIL

Pune, Maharashtra

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Education

PCCOE - PIMPRI CHINCHWAD COLLEGE OF ENGINEERING

2020 - 2024

B.Tech - Computer Engineering

CGPA: 9.1

Experience

Associate Software Developer

Feb 2024 – Present

SAS India (Pvt.) Ltd.

Pune, Maharashtra

- Delivered **multiple full-stack features** within aggressive timelines using React.js, REST APIs, and internal SAS frameworks, ensuring high-quality releases with **80%+ automated test coverage**.
- Diagnosed and resolved over **120+ defects** across UI and backend components, improving platform reliability and reducing regression failures by **70%**.
- Collaborated with QA teams to optimize test cycles, proactively identifying issues and improving release readiness, resulting in **fewer critical defects in pre-release QA**.
- Contributed to code review practices and improved component-level design for reusability, performance, and accessibility compliance.

Software Developer Intern

Aug 2023 – Feb 2024

PTC Software

Pune, Maharashtra

- Worked as a backend developer for the **ThingWorx** Industrial IoT platform, enhancing core services using **Core Java, OOP principles**, and design patterns.
- Debugged and optimized backend modules, improving response time and reducing execution latency across frequently accessed APIs.
- Collaborated in Agile sprints, delivering enhancements, and technical documentation for backend workflows.

Projects

RSS Aggregator | Go, PostgreSQL, sqlc, REST APIs | [GitHub Link](#)

Dec 2024

- Built a fully functional **RESTful API** in Go to support user creation, feed registration, feed follows, and fetching posts for authenticated users.
- Designed a background scraper that periodically fetches feed data concurrently (using **goroutines**) and stores posts in the database.
- Integrated **PostgreSQL** database using sqlc-generated typed queries for type-safe **SQL** execution.

The Fashion Spot | Next.js, React.js, MongoDB, TailwindCSS, Stripe | [GitHub Link](#)

Nov 2022

- Developed a modern e-commerce platform with **Next.js (SSR)** for improved SEO, fast rendering, and optimized user experience.
- Implemented secure authentication using **JWT**, product catalog management, and persistent user sessions.
- Integrated **Stripe** for secure checkout workflows, including payment processing, order creation, and invoice generation.

Healero – Physiotherapy App (Backend) | Node.js, MongoDB, REST APIs

Apr 2022

- Developed backend services enabling doctor-patient interaction with secure user authentication and exercise assignment workflows.
- Implemented RESTful APIs, modular controllers, and MongoDB schema design for scalable data storage.
- Improved backend efficiency through optimized query patterns and organized routing architecture.

Technical Skills

Languages: GoLang, Java, JavaScript, TypeScript, C, C++, Python

Frameworks: React.js, Next.js, Node.js, Express.js

Databases: MySQL, MongoDB, PostgreSQL

Tools & Platforms: Git, GitHub, Linux, Postman, VS Code, IntelliJ IDEA, Eclipse

Concepts: REST APIs, OOP, Data Structures, System Design Basics, CI/CD

Leadership / Extracurricular

Google Developer Student Club

Oct 2022 – Aug 2023

FOSS Lead

PCCOE Pune

- Delivered workshops on **Git, GitHub, and open-source contributions**, enabling 60+ students to make their first GitHub commits.
- Led a 7-day Android + Firebase training program (14 hours) covering app fundamentals, backend services, and hands-on projects.
- Mentored junior developers on open-source best practices and collaborative development workflows.