

SANKET PILANE

Pune, Maharashtra

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Summary

Associate Software Engineer skilled in backend (Python, Java) and full-stack development using React, Next.js, and TypeScript. Experienced in building production-critical, scalable applications with strong focus on system performance, data integrity, and problem-solving. Eager to collaborate with domain experts to deliver impactful solutions in healthcare technology.

Technical Skills

Languages: Java, Python, JavaScript, TypeScript, Rust (Basics), C++, SQL, Dart

Backend: Django, FastAPI, Node.js, Express.js, RESTful APIs, WebSockets

Frontend: React.js, Next.js, Vite.js, Tailwind CSS, HTML5, CSS3, Bootstrap

Databases: PostgreSQL, MySQL, SQLite, MongoDB, Prisma ORM, Firestore (NoSQL)

Tools & DevOps: Docker, Git, GitHub Actions, AWS, Postman, Linux, Nix, Terraform

Experience

Full Stack Developer Intern

Dec 2024 – Mar 2025

Lorvantiq Ventures Pvt. Ltd. (RKL Worlds)

Remote

- Owned full-stack development of the **RKL Worlds** e-commerce platform using **React**, **Node.js**, and **MySQL**.
- Implemented an **API-First** architecture to integrate **Stripe** payments and **Shiprocket** logistics, streamlining checkout workflows.
- Built and maintained responsive user interfaces using React and TypeScript, improving user interaction and reducing page latency.
- Established **CI/CD pipelines** using **GitHub Actions** to automate testing and deployment, ensuring code quality.
- Collaborated in an **Agile** team to scope requirements, optimize database queries, and deliver scalable product features.

Projects

AI-Powered Resume Screener API | [LINK](#)

Nov 2025 - Present

- Developed a **production-ready backend microservice** using FastAPI for automated resume screening with high performance and scalability.
- Integrated **Generative AI** (Gemini) to evaluate applicant data and produce structured insights, demonstrating strong **analytical problem-solving**.
- Implemented **PostgreSQL + SQLAlchemy** for efficient **query optimization** and large-scale data retrieval.
- Ensured **data integrity and validation** with Pydantic and deployed consistently using **Docker containers**.
- Tech Stack:** Python, FastAPI, PostgreSQL, Docker, Gemini API, Pydantic

NexusQuiz: Competitive Exam System | [LINK](#)

Nov 2025 - Nov 2025

- Developed a **full-stack platform** using Django for competitive exams with **real-time timers and dynamic scoring**.
- Built a secure **Admin Dashboard** to manage question banks and analyze user performance, ensuring **data accuracy and integrity**.
- Implemented **role-based authentication** and a responsive **Bootstrap UI** to deliver a seamless user experience.
- Adopted **Nix for reproducible development environments**, showcasing adaptability to new tooling and workflows.
- Tech Stack:** Python, Django, SQLite, Bootstrap, Nix, HTML/CSS

Certificates

Cloud Computing (NPTEL) | [CERTIFICATE](#)

Jan 2025 - Apr 2025

Covered cloud models (IaaS, PaaS, SaaS), virtualization, and scalable cloud architecture.

Application Development in Java (LPU) | [CERTIFICATE](#)

Jun 2024 - Jul 2024

Learned OOP concepts and built Java GUI apps with Swing and multithreading.

Ultimate Flutter Course (Udemy) | [CERTIFICATE](#)

Mar 2024 - May 2024

Built cross-platform **Flutter** apps with Bloc/Provider and integrated **Firebase** backend.

Education

Lovely Professional University

Jul 2023 - Present

Jalandhar, Punjab

Bachelor of Technology in Computer Science and Engineering - GPA: 7.1

Zeal Polytechnic, Pune

Jul 2020 - May 2023

Pune, Maharashtra

Diploma in Computer Engineering - GPA: 8.7

New English School, Mandki

Jun 2019 - May 2020

Pune, Maharashtra

Secondary School Certificate (SSC) - GPA: 8.7