

SANKET SHINDE

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EDUCATION

Pune Institute of Computer Technology
Bachelor of Engineering, Information Technology

Current CGPA: 9.75

Pune
Aug 2023 – Aug 2027

[\[Results\]](#)

EXPERIENCE

Platform Engineering Intern [\[Report\]](#)
Lightbeam.ai

Apr 2025 – Present

- Set up **Teleport** authentication software in the company's infrastructure to manage Kubernetes clusters and SSH nodes.
- Configured GitHub Actions to streamline **Helm chart** templating and improved linting for validating the **lb-protos** submodule.
- Worked on CI/CD pipelines to support the operation of **Apache Kafka** and configured **NGINX** as a layer 7 reverse proxy.
- Built a Python CLI to automate MongoDB tasks via cron & prune outdated Docker images, improving server efficiency by 20%.

Workday HCM and VNDLY Training
Lightbeam.ai

May 2025

- Completed training in Workday HCM tenant setup, EIBs (Enterprise Interface Builders), security groups, and report generation.
- Explored **VNDLY** functionalities such as SOW (Statement of Work) management, direct hiring, and rate card configurations.

TECHNICAL SKILLS

Core Subjects: Data Structures and Algorithms, DBMS, OOP, CNS, OS, System Design.

DevOps: Docker, Kubernetes, Helm, Cert-Manager, Terraform, Jenkins, CI/CD.

Problem Solving: 300+ Questions on leetcode ; 120+ on GFG.

Machine Learning: NLP, PCA, LDA, Bigram-Language Model, Probabilistic & Rule-based models.

Programming Languages: C++, Python, Java, JavaScript, SQL.

Frameworks: Express.js, Node.js, Refine, Flask, Next.js.

Tools: Git, GitHub, Postman, VS Code, Slack (communication).

Systems / Platforms : Windows, Linux, Unix, MacOS, AWS, Azure, GKE.

Libraries: React, Pandas, NumPy, Tensorflow, Matplotlib, NLTK, Scikit-Learn, GPT2 tokenizer.

PROJECTS

NexJob | *Monaco Editor, Jitsi Meet, Axios, LLM, React, Node.js, MongoDB*

[Project](#)

- Created a real-time job portal for recruiters and job seekers, featuring integrated interviews and code editor support.
- Implemented live coding environment and secure meeting rooms with role-based access control.
- Built during a 24-hour COEP hackathon; secured **2nd** place among 275+ participating teams.

SkillSwap | *Spring Boot, Spring Security, JWT, JPA/Hibernate, PostgreSQL, Next.js, TypeScript, Docker*

[Project](#)

- Built a full-stack skill exchange platform using **Spring Boot** and **Next.js** with **JWT-based stateless authentication** and role-based authorization.
- Initiated a **transactional swap** (Pending, Approved, Rejected) with ownership validation & skill locking in **JPA/Hibernate**.
- Developed a **secure chat system** scoped to approved swaps, enforced via backend authorization and frontend route protection.

Py-GPT | *PyTorch, Tokenization, Flask, Next.js, Datasets, Transformers, Fetch API*

[Project](#)

- Developed a generative pretrained transformer (GPT) from scratch with custom tokenization.
- Implemented a **Bigram Language Model** and Transformer Decoder-based neural architecture.
- Trained the model on a custom Python dataset using Hugging Face's Trainer class and the **transformers** library.

CERTIFICATES

Azure Data Fundamentals – Microsoft Certified

[Certificate](#)

- Gained foundational knowledge of relational and non-relational databases, big data, and analytics workloads on Microsoft Azure.

Introduction to generative AI concepts - Microsoft Certified

[Certificate](#)

- Gained foundational knowledge in core generative AI concepts, including prompt engineering, LLMs, and SLMs.

ACHIEVEMENTS

COEP Inspiron Hackathon – 1st Runner-up, Best UI Award

[Certificate](#)

- Secured **1st Runner-up** and **Best UI Award** among 275+ teams nationwide in the Web Development category.

AIT's INNERVE'9 Finalist

[Certificate](#)

- Selected as one of the **Top 30 finalists** among 1200+ teams in the Machine Learning category.