

# SANKET SHINDE

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## EDUCATION

**Pune Institute of Computer Technology**  
*Bachelor of Engineering, Information Technology*  
Current CGPA: 9.72

Pune  
Aug 2023 – Aug 2027

## 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 **1b-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- Built a Python CLI to automate MongoDB tasks via cron & prune outdated Docker images, improving server efficiency by 20%.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**

May 2025

*Lightbeam.ai*

- 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 **2<sup>nd</sup>** 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 **1<sup>st</sup> 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.