

# Vybhav Bhadri S

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[GitHub](#) | [LinkedIn](#)

## EDUCATION

**PES University**, Bengaluru, India

*Bachelor of Technology in Computer Science and Engineering*

6/2022

GPA: 8.04/10

## PROFESSIONAL EXPERIENCE

**BetterPlace** - Bengaluru, India

### Software Development Engineer 2

3/2024 – Present

- Implemented an Agentic AI solution by deploying the Llama 3.1-8B model on AWS T4 GPUs using vLLM, building FastAPI inference servers, designing a RAG pipeline with MongoDB vector retrieval, and developing MCP tools for dynamic context fetching resulting in onboarding new enterprise clients and enabling GenAI capabilities across BetterPlace products.
- Designed and implemented backend workflows connecting Skilling with Fountain, Troopers (US-based hiring platform), enabling cross system data flow using FastAPI, MongoDB, and Kafka, supporting global rollout and revenue growth
- Designed a translation microservice in Java Spring Boot with third-party AI integrations, enhancing multilingual content delivery
- Migrated services from Elastic Beanstalk to Kubernetes (EKS), writing Dockerfiles, deployment manifests, HPAs, and CI/CD pipelines, reducing infrastructure costs and improving scalability
- Rewrote user sync flows, moving from ActiveMQ to Kafka, improving system throughput and scalability
- Built scalable Feed distribution APIs with MongoDB index optimizations, improving data fetch performance at scale
- Developed a real-time chat module using SocketCluster and WebSockets, adding instant messaging features to Skilling

### Software Development Engineer 1

3/2023 – 3/2024

- Built a webhook integration service for client endpoints by extending a Node.js rule engine, where Kafka events from Skilling services were consumed and pushed to client-provided webhook URLs, making integrations more flexible and reducing manual dependency on SDKs
- Bootstrapped the backend for Employee Self Service (ESS), building REST APIs with role-based access, enabling key features in the Go Better app
- Improved API response times by applying caching and query optimizations, reducing backend load during high traffic periods

### Associate Software Development Engineer

7/2022 – 3/2023

- Integrated AWS QuickSight dashboards, providing self-serve analytics to enterprise clients
- Reduced report generation time by 50% using asynchronous processing techniques
- Developed a real-time leaderboard feature in Spring Boot and MySQL, optimizing complex queries for faster response times

## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript (Node.js)

**AI & GenAI:** LangChain, LangGraph, OpenAI Agent SDK, CrewAI, AutoGen, MCP, RAG, Transformers, vLLM

**Databases:** MySQL, MongoDB, Redis

**Cloud & DevOps:** AWS, Docker, Kubernetes, CI/CD (GitHub Actions, Jenkins)

**Messaging & Streaming:** Kafka, ActiveMQ, WebSockets

## PROJECTS

- **Networking chatbot(2025):** Built [NetworkingBot.com](#) using the OpenAI Agent SDK, demonstrating multi-agent coordination, memory, and context retention across user interactions, designed to generate personalized outreach messages for platforms like LinkedIn and X, automating professional networking and follow-ups
- **Career chatbot(2025):** Built [CareerBot.in](#) using the Python OpenAI SDK, capable of interacting conversationally using my professional data, including projects, experience, and achievements, enabling users to ask career-related questions or simulate interviews through a context-aware chat interface
- **Credit Card Rewards Website (2025):** Built and deployed a React based website [smartwaytoswipe.online](#), focused on explaining credit card rewards and benefits. Hosted on Vercel, gaining hands on experience in frontend development, responsive UI design, and cloud deployment