

Nakshatra Jain

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Available for Summer 2026 Internships – Full-time from June 2027

SUMMARY

Backend-focused Computer Science student (B.Tech, Cloud Computing & Automation, May 2027). Experienced in designing scalable microservices, REST APIs, and optimized databases; hands-on with Spring Boot, AWS, Docker, and CI/CD pipelines.

TECHNICAL SKILLS

Backend: Java (8/11/17), Spring Boot, Spring Security, REST APIs, Microservices

Databases: PostgreSQL, MySQL, Spring Data JPA, Indexing, Query Optimization

Frontend: React.js, JavaScript, Tailwind CSS, HTML, CSS

Cloud & DevOps: AWS (EC2, S3, RDS, IAM), Docker, CI/CD, GitHub Actions; *Exposure:* OCI, Jenkins, Azure

Tools: Git, Maven, JUnit, Mockito, Postman, Linux, Bash

PROJECTS

Nexora – Project Management Platform

Dec 2025 – Present

Full-Stack System

Spring Boot, React, PostgreSQL, Firebase Auth, Docker, Render

- Built a full-stack project management platform with Spring Boot backend and React + Vite frontend; modeled 5 normalized entities using JPA/Hibernate ORM on PostgreSQL with layered repository-service-controller architecture.
- Implemented Firebase Auth + Spring Security JWT for stateless authentication; enforced RBAC across 3 permission tiers (OWNER / ADMIN / MEMBER) securing 15+ REST API endpoints; Dockerized and deployed to Render with auto-deploy on push.

NeuralNest – Cognitive Load Monitoring Platform

Nov 2025 – Jan 2026

Full-Stack System

React, Spring Boot, PostgreSQL, Docker, OCI

- Designed and deployed a full-stack cognitive load tracker with React.js frontend and Spring Boot microservices backend; achieved sub-200ms API response times and 99.5% uptime on OCI cloud with Docker + GitHub Actions CI/CD.
- Implemented JWT-based authentication with Spring Security and RBAC; optimized PostgreSQL queries and indexing achieving a 60% latency reduction; reached 80% unit test coverage with JUnit 5 and Mockito.

Cold Email Generator – LLM-Powered Outreach Automation

Aug 2025 – Oct 2025

GenAI Pipeline

LangChain, Groq, ChromaDB, Streamlit, Python

- Built an end-to-end GenAI pipeline using LangChain and Groq's Llama-3 to auto-generate personalized cold emails by scraping job postings and extracting structured JSON via LLM.
- Integrated a ChromaDB vector store for semantic portfolio matching; deployed as an interactive Streamlit app accepting any job URL and producing a production-ready cold email in seconds.

INDUSTRY SIMULATION

Cloud Engineering Simulation

Apr 2025 – Jun 2025

AWS Solutions Architecture (Forage)

Remote

- Designed high-availability AWS architectures using EC2, S3, RDS, and VPC; applied IAM best practices and cost optimization aligned with AWS Well-Architected Framework.

EDUCATION

VIT Bhopal University

Bhopal, MP

B.Tech in Computer Science (Cloud Computing & Automation) – CGPA: 8.55/10

Aug 2023 – May 2027

CERTIFICATIONS

OCI Architect Associate, OCI DevOps Professional, OCI Foundations

AWS Solutions Architect (Forage), Microsoft Azure Data Fundamentals

HackerRank Java (Basic), Bits and Bytes of Networking (Coursera)