

Shivam Singhal

📍 India

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SUMMARY

Software and technology enthusiast with a passion for enhancing advanced computer proficiency. Seeking management experience to upskill and broaden professional expertise.

EDUCATION

Bachelor of Computer Science and Engineering

Minor in Gaming Technology • Vellore Institute of Technology • Bhopal, Madhya Pradesh • 2024 • 9.03

CERTIFICATIONS

Oracle Java SE11

Oracle Academy

- Certified Java SE 11 Practitioner.

Google UI/UX Professional Certificate

Coursera

- Certified in **fundamental and advanced UI/UX design principles**, including **user-centered design**, **prototyping**, and **usability testing**.

Machine Learning Specialization

Deeplearning.AI

- Certified in **supervised** and **unsupervised** machine learning algorithms, including regression, classification, and clustering.
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SKILLS

NodeJS, ReactJS, Tailwind CSS, Full-Stack web development, front-end development, UI/UX Design, Java SE11, Data Structures and Algorithm, Problem Solving, Software testing, Software designing, Docker and Containers, System Design, Spring Boot, CI/CD Pipeline, Database Management, MySQL.

EXPERIENCE

Software Engineer

Pine Labs

February 2024 -December 2024, Noida, India

- Integrated APIs for 5+ major banks to enable UPI and Pay-by-Points transaction on Pine Labs POS, expanding payment support for partners.
- Integrating new business developments in order to meet merchant's requirements.

Freelance Software Developer

Freelance

January 2025 - May 2025, Gwalior, India

- Designed and developed a Spring Boot-based product management module with Swagger API documentation, enabling streamlined endpoints for worker check-in/out, registration, and deletion.
 - Integrated with a MySQL database hosted on Aiven Cloud, ensuring secure and scalable storage of worker activity and metadata.
 - Deployed the system on a TrueNAS SCALE Windows VM, enabling seamless real-time communication with biometric and hardware devices that send API requests for workforce tracking.
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PROJECTS

UPI Bank Simulator

Pine Labs, • ***Can Not Disclose Project Links***, •February 2024 - December 2024

- Developed a **UPI bank simulator** to mock back-end logic for multiple banks, streamlining integration testing before production.
- Uses Spring-Boot in Dockerised Environment along with sever other security layers.

Worker Management

VIT, Bhopal, • <https://github.com/CasualClicks/WorkerManagement>, •April 2025 - May 2025

- Designed and Developed a **product management** module in java, that deals with management of **different food and drink** products.
- Ensured Thread Safety and Concurrency safety, along with proper Logging.

Facul-Deets - faculty's information providing services

VIT, Bhopal, • github.com/CasualClicks/Facul-Deets-Sharing-Files •October 2023 - May 2024

- Researched over 10 websites that provides faculty's details, and jotted down all the shortcomings.
 - Built a **prototype website** showcasing functionality with support for up to 10GB of data and 500 concurrent users.
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INVOLVEMENT

Member, Yes+ Organization • January 2020 - May 2020

- Delivered public awareness sessions on drug prevention to 200+ people in rural communities, fostering a safer and healthier environmen