Shivam Deshwal

shivam.deshwal36@gmail.com | 7017496091

SKILLS

PROGRAMMING

Java • Python
MySQL • PostgreSQL
Spring Framework • Hibernate
AWS • Azure• Redis • Kafka
GIT • Rundeck • JIRA
PuTTY • GithubPages • LaTEx

EDUCATION

JSSATE, NOIDA

B.TECH
2014 - 2018 | Noida
Percentage: 70

R.R PUBLIC SCHOOL

Class XII May 2013 | Noorpur
Percentage : 82%

FATHERSON PUBLIC SCHOOL

Class X May 2011 | Chandpur
CGPA : 9.4

LINKS

Github: Deshwal36
LinkedIn: shivam-deshwal-ba9a6bb6
Leetcode: deshwal36
Codechef: deshwal

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms
Compiler design
Automata theory
Operating system
DBMS

HOBBIES

• Badminton
• Reading Books
• Cinematography

ACHIEVEMENTS

• TCS-Hackathon 2019
• Badminton State Winner 2018
• Cultfit Tournament Winner 2023

EXPERIENCE

PUBLICIS SAPIENT | BLT Modernization

Senior Associate Nov 2023 - Present | Noida

- Leading a modernization initiative for a major client, Blu Label Telecoms (BLT), in Africa.
- Led the end-to-end development of multiple corporate APIs, facilitating the migration from BLT's legacy system (AEON) to the modern BluSky architecture.
- Developed and implemented a robust password management system with reset, change, and setup features, streamlining user onboarding and enhancing security.
- Architected, implemented, and integrated a comprehensive invoicing and credit-note system within the BluSky architecture, enabling seamless transaction management.
- Developed a core framework for SOO, SOR, and SOI services, improving system-wide consistency and efficiency.

MTREE SOFTWARE | NEXTFORCE

Senior Software Engineer Feb 2022- Aug 2023 | Noida

- Contributed as a Backend Engineer for NEXT, a work-sharing platform optimizing workforce management in the US.
- Developed an optimized shift scheduling system to boost acceptance rates and efficiency for restaurants.
- Built a Proxy-User system to streamline onboarding and added features for timecard processing, user discovery, and scheduling.
- Created a crew performance plan by tracking parameters like conduct, punctuality, and reliability.
- Improved the NEXT download percentage by tracking and accumulating weekly tallies for the scheduled crew.
- Automated ad-hoc and routine tasks for the Ops team by creating multiple Rundeck jobs in a cloud environment.

TATA CONSULTANCY SERVICES | TCS BaNCS

Systems Engineer Dec 2018- Feb 2022 | Gurugram

- Designed and implemented core BaNCS features for trade management, clearing, settlement, and real-time accounting.
- Developed backend solutions in Java, J2EE, and Spring for business validations and data integration.

PROJECTS

PARSER AND SEMANTIC PHASE C COMPILER

Mar 2017-May 2017

- Analyzed and determined the structure as per the given formal grammar.
- Enhanced semantic information to the parse tree and built the symbol table.

OPTIMIZING PATH FOR ROBOTS

Sep 2017-Nov 2017

- Computed convex hulls from n points using algorithms. [Jarvis March and Graham's algorithm]
- Designed and implemented a multi-robotic system for shortest pathfinding, leveraging various data structures and analyzing time complexities to identify the optimal solution. [Dijkstra's algorithm]