

# Nilmani Chandrakar

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📍 Chhattisgarh, india 🏠 leetcode

## PROFILE

Results-oriented Software Engineer with a strong foundation in computer science and engineering and strong background in software development, particularly in analytics and data-driven applications. Proficient in database skills, SQL, data modeling, and various databases. Skilled in writing efficient SQL queries for ETL processes and developing scalable code. Experienced in Agile Methodologies, container orchestration with kubernetes.

## PROFESSIONAL EXPERIENCE

### Applied Research and Development Engineer *Nokia Networks*

07/2023 – present | Chennai, India

- Pioneered the development of highly optimized Software Migration libraries, significantly enhancing overall software migration efficiency.
- Spearheaded critical enhancements to the test suite and framework for the Automation library using robotframework and python.
- Designed and Implemented **CI/CD Pipelines** using **Jenkins, python, Git** and **Shell scripting**. help troubleshoot issues.
- worked on **Kubernetes** and **docker** for managing and deploying the pods and microservices such.
- Responsible for writing efficient **SQL** queries for ETL processes. and also worked on **MariaDB** database.

### Research and Development Trainee *Nokia Networks*

09/2022 – 06/2023 | Chennai, india

- Worked on **L2/L3** Networks protocols.Fiber optics xPON technologies. Collaborated with cross-functional teams to address high visibility customer defects promptly.
- Worked on tech stacks **Linux, Python,C++, XML, docker, Kubernetes** and **shell scripting, Automation, Git**.

## PROJECTS

### Artificial Intelligence Based Web Application Firewall *WAF (Information security), Machine learning, Python*

08/2022

This work aims to build ML classifiers which are one of the components of the WAF architecture.

### YouTube Video Transcript Summarizer and Keywords Extractor

*Python, NLP, Flask*

03/2021

Generating Summary and Extracting keywords from YouTube video transcript by using Natural Language Processing

### Online Blog Application using NodeJS and MongoDB *NodeJS, HTML, MongoDB, CSS, Javascript*

It's place where users are allowed to express thier thoughts and experiences.It can help in the promotion of critical and analytical thinking.

## EDUCATION

### M.Tech Computer Science and Engineering *VIT university*

2021 – 2023 | Vellore, india  
Graduated with a CGPA of 8.3

### B.Tech Computer Science and Engineering *Govt. Engineering College Raipur*

2017 – 2021 | Raipur, India  
Graduated with a CGPA of 8.93

## SKILLS

### Programming in C, C++ , Python and Java with various Data structure and algorithm

### Database management System MySQL, MongoDB & Neo4j Graph Database

### Machine Learning, Data Science Numpy, Pandas, scikit-learn, Seaborn, Matplotlib

### Shell Scripting, Automation, Robot Framework

### web development

### Linux, Docker and Kubernetes

### Computer Networking and Network security

### CI/CD Jenkins Pipeline, Git, GitHub

## TRAINING & CERTIFICATES

### Certified Kubernetes Administrator(CKA) 2024, Udemy KodeKloud Training

### Software Development Process and methodologies 2021, University of Minnesota

### Database Management System 2019, IIT Kharagpur (NPTEL)

### Ethical Hacking (Elite+ Silver) 2022, IIT Kharagpur (NPTEL)

### Data Science and Machine Learning 2019, TechieNest Pvt. Ltd, Raipur

### GATE CS/IT 2021 Gate Score 335, IIT Bombay

## EXTRACURRICULAR

### National Service Scheme *Volunteer- Team Lead*

2015 – 2021 | Chhattisgarh, India  
As a team We worked in rural areas, adopted villages and school to the serving the cause of society through survey, education and health awareness programme