

NAMAN SINGH

Pune, Maharashtra

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🌐 [LinkedIn](#)

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Education

Bharati Vidyapeeth College of Engineering

B.Tech in Computer Engineering (CGPA- 9.04)

December 2021 - June 2025

Pune, India

Swaraj India Public School

Senior Secondary (XII) (Percentage- 89.7)

April 2020 - April 2021

Kanpur, India

Swaraj India Public School

Secondary (X) (Percentage- 93.4)

April 2018 - April 2019

Kanpur, India

Technical Skills

Languages: Python, Shell, C/C++, Go

Databases: MongoDB, DynamoDB, CosmosDB, PostgreSQL, MySQL

Tools/Libraries: Pandas, NumPy, Scikit-learn, TensorFlow, Keras, PyTorch, Flask, Streamlit, React, Node

Cloud & DevOps: AWS, Azure, Hadoop, Docker, Terraform Kubernetes, Git, GitLab, Docker, Grafana

Coursework: Computer networks ,Database management systems, Object Oriented Programming, Operating Systems

Internships

Siemens Energy

DevOps Intern

July 2024 - January 2025

Gurugram, India

- Automated infrastructure setup for cloud-based applications using Terraform and Azure DevOps.
- Created CI/CD pipelines using Azure Service Connections for multiple repositories, focusing on Docker image reduction and Azure Functions integration.
- Automated infrastructure creation and deletion to streamline deployment processes.

Yugen Consulting

Web Developer

March 2024 - May 2024

Pune, India

- Enhanced payment processing systems by implementing robust backend solutions with Node.js.
- Set up CI/CD pipelines for seamless integration and deployment of web applications.

BS Group

DevOps Intern

September 2023 - March 2024

Remote, India

- Optimized web interfaces for cloud-based applications; improved backend performance with Node.js.
- Deployed applications and services in Docker containers using Kubernetes for scalable cloud solutions.

Web Host Designing

Freelance Web Developer

June 2022 - November 2022

Mumbai, India

- Developed dynamic websites with a focus on user experience and cloud integration.
- Collaborated with clients to gather requirements and deliver tailored web solutions, resulting in a 25% increase in client satisfaction.

Projects

Nushreads | React, Streamlit, Vercel | (Live Link)

- Developed a comprehensive book library application featuring a search engine and book recommendation system.
- Implemented a user-friendly frontend using React, ensuring seamless navigation and interaction.
- Deployed the application in the cloud using Vercel with CI/CD for efficient updates and management.

Diabetic Retinopathy Detection | Python, TensorFlow, Streamlit | (Link)

- Developed a machine learning model for early detection of diabetic retinopathy, enhancing early diagnosis and treatment outcomes.
- Built a user-friendly Streamlit application for real-time image upload and visualization of model predictions.

Achievements

- Selected for Amazon Summer School of Machine Learning 2024 amongst top 1 percentile.
- Rated 5 STAR on HackerRank for data structures using C++.
- Secured 99.7+ percentile in Coding Ninjas TAship test.
- Cleared NDA written examination amongst 5 lakh applicants.