

NAMAN SINGH

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🌐 [LinkedIn](#)

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Education

Bharati Vidyapeeth College of Engineering

July, 2021 - Present

Bachelor of Technology in Computer Engineering (CGPA- 9.04)

Pune, India

Swaraj India Public School

April, 2020 - April, 2021

Senior Secondary (XII) (Percentage- 89.7)

Kanpur, India

Swaraj India Public School

April, 2018 - April 2019

Secondary (X) (Percentage-93.4)

Kanpur, India

Technical Skills

Languages: C/C++, Python, JavaScript, Go.

Subject Knowledge: Data structures and Algorithms, Data Science, Machine Learning, Operating Systems, Database Management, Computer Networks Systems, Devops, Software development lifecycles, Object Oriented Programming .

Databases: AWS DynamoDB, MongoDB, MySQL, Supabase..

Frameworks/Libraries: Node.js, React, TailwindCSS, Express.js, Django, Pytorch, Flask, Streamlit , Vite, git, github.

Deployment tools: Docker, Kubernetes, Prometheus, Grafana, redhat Openshift, Gh-pages, Codedeploy, Chef, Bitbucket.

Internships

Siemens Energy

July, 2024 -Present

Software Developer Intern

Gurugram, India

- Developed terraform scripts for the Infrastructure as Code for the BESS team in Germany.
- Created a new web application from scratch using React Highcharts, Influx db as database with websocket integration from the fetched KPIs enhancing performance by 30% through component-based architecture and state management.

Kida Studios

June, 2024 - July, 2024

Software Developer Intern

Pune, India

- Designed and developed engaging game mechanics and immersive worlds using Unity and C, contributing to a 20% increase in user retention.
- Implemented scalable web applications using Python and Django, improving application performance by 30% through efficient database management and optimized code.

Yugen Consulting

March, 2024 - May, 2024

Software Developer Intern

Pune, India

- Implemented the Add Card feature for the Retry screen of the Darzah Payment Page.
- Assisted in the setup and maintenance of CI/CD pipelines using Jenkins and Git.

BS Group

September, 2023 - Mar, 2024

Devops Intern

Pune, India

- Innovated website interfaces using HTML, CSS, and React; optimized functionality with NodeJS backend.
- Incorporated Python for backend services and deployed applications with Docker; mastered containerization with Kubernetes.

Smartsa

July, 2023 - September, 2023

Backend developer

Pune, India

- Integrated user interfaces with backend services in collaboration with front-end developers.
- Developed RESTful APIs for the admin page of Smartsa.in.

Suvidha Foundation

December, 2022 - January, 2022

Machine learning intern

Nagpur, India

- Mastered functional programming using Haskell.
- Processed and cleaned datasets to enhance data quality for model training.

Web Host Designing

June, 2022 - November, 2022

Freelance frontend developer

Pune, India

- Collaborated with clients to understand requirements and developed responsive websites that meet their business needs as a freelance web developer.
- Delivered customized web solutions for various clients as a freelance web developer.

Projects

Covid XRay | *Python, Numpy, TensorFlow, Neural Network* | (Link)

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- * Engineered a CNN model on a dataset of Covid patient X-rays.
- * Predicted Covid positivity with over 96% accuracy.

Algorithm-Visualizer | *React, Typescript, Tailwind* | (Link)

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- * Constructed an algorithm visualizer website using HTML5, CSS, and JavaScript; ensured bug-free code.
- * Managed all aspects of DSA algorithms, graphics, page composition, and deployment independently.

Achievements

- Selected for amazon summer school of machine learning 2024 amongst top 99 percentile.
- Rated 5 STAR on HackerRank for data structures using c++.
- Secured 99.7+ percentile in Coding Ninjas TAship test among 10K+ participants.
- Public Speaker and Writer Literary Council Bharati Vidyapeeth University.
- cleared NDA written examination amongst 5 Lakhs applicants.