NAMAN SINGH

Pune, Maharashtra

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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
Subject Knowledge: Data Structures and Algorithms, Data Science, Machine Learning, Operating Systems, Database Management, Computer Networks, DevOps, Software Development Lifecycles, Object-Oriented Programming
Databases: AWS DynamoDB, Azure CosmosDB, MongoDB, MySQL, Supabase
Frameworks/Libraries: Node.js, React, Tailwind CSS, Express.js, Django, Flask, Streamlit, Vite, Git, GitHub
Cloud Tools: Terraform, Docker, Kubernetes, Prometheus, Grafana, Red Hat OpenShift, GitHub Pages, Chef, Ansible, Bitbucket

Internships

Siemens Energy　　**July 2024 - Present**
Software Developer Intern　　*Gurugram, India*
- Developed Terraform scripts for Infrastructure as Code for the BESS team using Azure DevOps.
- Created a web application from scratch using React, Highcharts, InfluxDB as the database, and WebSocket integration, utilizing component-based architecture and state management.

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 - March 2024**
DevOps Intern　　*Remote, India*
- Innovated website interfaces using HTML, CSS, and React; optimized functionality with Node.js backend.
- Incorporated Python for backend services and deployed applications with Docker; mastered containerization with Kubernetes.

Web Host Designing　　**June 2022 - November 2022**
Freelance Frontend Developer　　*Mumbai, 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

Covidetector | *Python, NumPy, TensorFlow, Neural Network* | (Link)　　4
- Engineered a CNN model on a dataset of Covid patient X-rays.
- Achieved over 96% accuracy in predicting Covid positivity.

Nush-Reads | *React, TypeScript, Streamlit, Python* | (Link)　　4
- Developed an algorithm for recommending books, integrating frontend, machine learning, and API for a library.
- Independently managed API integration, graphics, page composition, and deployment.

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.