NISHANT SIROHI

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OBJECTIVE

Seeking the Application Engineering Intern position at Google for Summer 2024, with a passion for technology and a strong foundation in computer science, to contribute to the development and deployment of innovative solutions while gaining valuable hands-on experience

EDUCATION

B.Tech CSE, Meerut Institute of Engineering and Technology   Expected 2024
Relevant Coursework: Data Structures and Algorithms, Web Development and Mobile App Development.

Senior Secondary and Higher Senior Secondary, CBSE , Army Public School   2017 - 2020

SKILLS

Programming Languages	Python (20K+ loc), Java (50K+ loc), JavaScript, C/C++, Assembly
Tools and Technologies	React JS, Node JS, Django, Flask, Kubernetes, HTML, CSS, Git/Github
	MySQL, Hibernate, Spring, Fusion 360, Processing, Linux, PostgreSQL
	MongoDB, Docker, GCP
Soft Skills	Communication, Adaptability, Teamwork, Leadership, Problem-Solving, Creativity

INTERNSHIP

Data Science And Machine Learning Intern   Dec 2022 - Mar 2023
Coding Ninjas   *Remote*

- Achieved a remarkable 20% growth by applying advanced data science and machine learning skills, including natural language processing (NLP), deep learning, statistical analysis, and data visualization, to analyze and optimize key business processes
- Led the data science team, resulting in a significant 15% improvement in revenue through data-driven insights and predictive modeling. This involved skills in regression analysis, customer segmentation, and ensemble modeling

Full-stack Developer   Jun 2022 - Sep 2022
OneAll Digital   *Remote*

- Achieved 30% growth using React, Node.js, and MongoDB skills. Implemented key features and optimizations, resulting in a significant increase in user engagement and product adoption
- Developed a robust MERN (MongoDB, Express.js, React, Node.js) application that accomplished goal Optimize Application Performance using Redux, GraphQL, and Docker. Designed and built a feature-rich web application with advanced functionality, scalability, and containerization for efficient deployment

PROJECTS

Marketplace for Open Source Projects   Jul 2023 - Sep 2023
React JS, MongoDB, Vite and Node.js   *Team Size - 5*

- Enables users to discover and contribute to a wide range of open source projects, fostering collaborative innovation
- Submitted to the NASA Space Apps Challenge, showcasing its potential to address space-related challenges
- Facilitates connections among developers, designers, and enthusiasts for impactful contributions to open source initiatives

Autonomous Drone Navigation With Computer Vision   Apr 2022 - Jun 2023

PX4, Python and cv2   *Team Size - 2*

- Developed an autonomous drone navigation system using cutting-edge computer vision algorithms
- Achieved precise object detection, obstacle avoidance, and path planning for unmanned aerial vehicles, enabling autonomous missions
- Successfully demonstrated the project's capabilities, paving the way for applications in industries like surveillance, agriculture, and logistics

Code Collaboration Platform   Dec 2022 - Mar 2023

React JS, MySQL, GCP and Node.js   *Team Size - 1*

- Enhances coding efficiency, facilitating simultaneous collaboration on the same codebase in real-time, with over 50+ projects fully managed on this platform website
- Achieves quantifiable success with faster project delivery, improved code quality, and streamlined collaboration practices
- Recognized by industry experts for revolutionizing developer workflows and fostering efficient code collaboration

Color Switch   Jun 2022 - Sep 2022

Java JavaFX, FXML, SceneBuilder   *Team Size - 2*

- Created a replica of the obstacle-based game "Color Switch," featuring an extensive array of 10+ obstacles and 2 distinct game modes, while employing principles of Object-Oriented and Event-Driven programming
- Expanded the game's capabilities by incorporating vector-based animations and enforcing highly accurate replication of game physics.

AWARDS AND ACHIEVEMENTS

- Amazon Certified: Amazon Web Services Solutions Architect - Professional
- Microsoft Certified: Power Platform Fundamentals
- Secured 93.6 percentile in the JEE Mains examination
- National Science Olympiad 2nd Position
- Indian National Mathematics Olympiad (INMO) Qualified
- Scholarship Holder, St. John's High School

POSITIONS OF RESPONSIBILITY

- Amazon ML Summer School   Sep 2023 - Present
- Core Member, Ideathon @MIET   Jun 2023 - Present
- Web Developer, Google Developer Student Club @MIET   Jun 2022 - Apr 2023
- Student Council, Army Public School, Dehradun   Apr 2019 - Feb 2020

INTERESTS AND HOBBIES

- Music Production
- Playing Guitar
- Table Tennis
- Chess (FIDE Rating 1135)
- Cricket