

NILAKSH DUREJA

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EDUCATION

Bachelor's of Technology, Guru Gobind Singh Indraprastha University
Relevant Coursework: Computer Science Major and Engineering Minor.

May 2020 - April 2024

SKILLS

Technical Skills	Data Structures & Algorithms, Database Management, OOP methodologies, Agile Development
Languages	C/C++, JavaScript, Python, HTML/CSS, SQL
Frameworks	ReactJS, NextJS, ThreeJS, TailwindCSS, Bootstrap, Flask, NodeJS, ExpressJS, Astro
Others	MongoDB, PostgreSQL, REST APIs, Jira, AWS, GitHub, Figma, Docker

EXPERIENCE

Software Developer

Development Monitors LLC

May 2024 - Present

San Francisco, CA - Remote

- Mentoring a team of 6 interns for development of commercial software, A QGIS plugin software, based upon Python and C++, to be used by Shimla and Aizwal municipalities for risk analysis in specific cities.
- Developed a website from scratch, using MERN stack to increase customer outreach, within tight deadlines.

Software Developer Intern

Development Monitors LLC

Nov 2022 - April 2024

San Francisco, CA - Remote

- Managed restructuring of server-side code to develop efficient Software, optimized processing time by 70%. Deployed the same to AWS to achieve a reduction in costs of deployment.
- Implemented the latest frameworks and optimized communication between databases and client-side code enabling the team to handle 50% more transactions per day.
- Developed a 3-D model that showcased risk and building data using Three.JS and open-source APIs.

Web developer

Codevirus Security

Apr 2022 - Sept 2022

Lucknow, India

- Enhanced the company's SEO score and extended online reach by 30% through strategic optimizations.
- Designed and programmed a sales funnel to increase sales by 10% by targeting the audience and using appropriate action verbs.

PROJECTS

2048 Game

- Applied expertise in ReactJS, NodeJS, and MongoDB, integrating gaming algorithms to create a classic 2048 game. ([Try it here](#))
- Incorporated authentication and high-score functionalities to enhance user engagement and experience. Deployed to Heroku and Vercel, using build environment for higher efficiency.

Pinterest Clone

- Programmed a frontend clone of the famous social media website- Pinterest using Flex properties and NodeJS that also enables users to create and add pins.
- Achieved 2nd prize at CSS competition hosted by Developer Community, NSUT ([Try it here](#))

WSEMQT

- Contributed to a research paper during the summer internship at the university under the guidance of Dr. Priyanka Bhutani.
- Acquired proficiency in Python programming techniques and demonstrated mastery of Pandas and Numpy libraries.
- Effectively conceived and executed a Shannon entropy algorithm within a predefined 2-month period, yielding remarkable results.

EXTRA-CURRICULAR ACTIVITIES

- An active participant at Hackathons, Gained 6th position at a Hackathon organized by DTU college where more than 300 teams participated.
- Handled the social media page for the GDSC club during Sophomore year at University and designed posters, and brochures to reach 700+ followers.

LEADERSHIP

- Technical Lead for [IEEE USICT](#) with over 100+ members. Organized multiple workshops and worked as a team to make these events a success. Led a team of 5 people for the development of the Club website
- Web development Lead for GDSC USICT during my junior year and interacted with a community of over 100 people to explore and gained hands-on experience on the latest innovations.