

# NITHESH G

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## OBJECTIVE

Aspiring Software Development Engineer with strong foundations in Data Structures, Algorithms, and Full Stack Web Development. Skilled in building scalable applications using React, Node.js, Express, and MongoDB, with cloud exposure through AWS. Eager to leverage problem-solving skills, coding expertise, and project experience to contribute to innovative software solutions and drive organizational success.

## EDUCATION

**Dayananda Sagar University** CGPA 9.32/10  
*Bachelor of Technology in Computer Science and Engineering* 2022 - 2026

**Relevant Coursework:** Data Structures and Algorithms, Database Management Systems, Operating Systems, Computer Networks, Object-Oriented Programming, Machine Learning, Deep Learning.

## EXPERIENCE

**Teevr Solutions** July 2024 - August 2024  
*WordPress Development Intern*

- Worked on website development to create a creative and user-friendly website based on the client's requirements.
- Gained hands-on experience on plugins, search engine optimization (SEO), optimizing website content for improved search engine visibility and rankings.
- Utilized tools such as Elementor, HTML, CSS, and SEO techniques to design and optimize responsive websites.

## TECHNICAL SKILLS

**Languages** : C++, Java, Python, C, HTML/CSS, JavaScript  
**Frameworks** : NodeJS, ExpressJS, ReactJS  
**Databases** : MySQL, MongoDB  
**Technologies** : Git, GitHub, WordPress  
**Soft Skills** : Fast learner, Teamwork, Problem-solving, Communication.

## PROJECTS

**ProductOwl** | *ReactJS, Node.js, ExpressJS, MongoDB, ScraperAPI* [Repo](#)

- Integrated a web scraper to extract vital information from Amazon product pages, capturing key data.
- Developed Cron Jobs to monitor product prices and detect changes efficiently.
- Implemented authentication and authorization features to secure user data.
- Automated email notifications to alert users when product prices dropped below a 30% threshold, improving user engagement and satisfaction.

**Imagine Text** | *ReactJS, NodeJS, ExpressJS, TesseractJS, Cloudinary* [Repo](#) | [Live](#)

- Deployed TesseractJS, achieving over 99% accuracy for the ImagineText initiative, streamlining the conversion of image text into editable and copyable formats, augmenting text visualization capabilities.
- Utilized Cloudinary to efficiently store and retrieve project images, ensuring robust data storage and delivery mechanisms to meet demanding performance requirements and user expectations.

**Stock Price Prediction using LSTM with Explainable AI** | *Python, TensorFlow, SHAP, scikit-learn* [Repo](#)

- This project uses an LSTM (Long Short-Term Memory) deep learning model to forecast HDFC Bank stock prices based on historical closing prices. It integrates SHAP (SHapley Additive exPlanations) to make model predictions interpretable, enabling insight into how past stock movements influence future forecasts.

## CERTIFICATION

**AWS Academy Cloud Foundations** [Link](#)  
Gained foundational knowledge of AWS cloud concepts, services, security, architecture, pricing, and support.