AKASH KUMAR SINGH
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OBJECTIVE
Aspiring to pursue a master's program in Computer Science to expand and acquire professional specialization to work as a distinguished Software Developer and explore new technologies and methods that have developed in the field.

EDUCATION
B.Tech in Computer Science, Galgotias University, Greater Noida   **CGPA:** 7.29 **Jul 2018 - May 2022**

RELEVANT COURSES
Application Oriented Programming, Digital Design and Computer Architecture, Cryptographic Fundamentals, Operating System, Database Management System, Networking, Artificial Intelligence & Machine Learning, Probability and Statistics, Software Engineering and Testing Methodologies, Web Technology.

RELEVANT PROJECTS
ConveneESG, Azeus Convene   **July 2022 - Till Date**
- Used Elixir Ambience, HTML, CSS, JavaScript, jQuery, and MongoDB for a robust project foundation.
- Led the development of intricate features Like Linked Disclosure, Collaborator, Access Rights, Admin Panel, Data Conversion, and Data Collection.
- Adapted to evolving needs, ensuring seamless integration of dynamic pages aligned with company requirements.
- Designed and implemented dynamic, customizable forms, enhancing user interactions and facilitating efficient data collection processes.

Lane Detection In Autonomous Transportation System, Capstone Design   Aug 2021 - Dec 2021
- Aimed to decrease accidents and make transportation safe.
- Used The Canny Edge Detection Technique To Detect the Edge of Objects and path or lane.
- Used Hough Transform to detect the shape of objects.
- Used RANSAC Algorithm, a predictive modeling tool for cleaning datasets from the commotion.

Skin-Tone Detection, Verzeo   **Mar 2021 - Apr 2021**
- Participated in a 16 member Team, 8 from Web Technology and 8 from AI/ML. I was part of the Front-End Team.
- Aim of the project is To Find the skin-tone of a person using his/her digital picture.
- Made the web page responsive and attractive, and also provided required data to the AI/ML team.
- Used Technology: HTML, CSS, Python and Django.

Portfolio, Web Development   **Jan 2021 - Mar 2021**
- Created this Project to keep all my things together and showcase to others.
- My Portfolio Contains all about me including Education, Experience, Skill, projects, Achievements, etc.
- Used Technology: HTML, CSS, Bootstrap and JavaScript.

INTERNSHIPS
Teaching Assistant   **Sept 2021 - Jan 2022**
Coding Ninjas, New Delhi
- Data Structure and Algorithm teaching assistant clearing doubts and concepts in the field.

- Helped over 700 students to learn data structure & overcome the challenges in the field.

Full Stack Web Developer   **Mar 2021 - Apr 2021**

Verzeo, Bengaluru
- Worked as a Front-End Developer.
- Upskilled HTML, CSS, and JavaScript skills.
- Contributed in the Industry Level Project Skin-Tone Detection.
- Used Skin-Tone Web Application to Detect Skin Color Using Digital Image.
- Learned teamwork and communication.

Web Developer   **Nov 2020 - Feb 2021**

Karthi Wealth Infotech Limited, New Delhi
- Worked on E-Commerce Web Application
- Created Many Presets of Web Application, Like Creating the New Web Application by Using Existing Application source code but removing branding and modifying structure and functionality.
- Fixed Bugs like Rendering, Catalog, Button Transition, Page Theme, and many more.

INDEPENDENT PROJECTS

SoSocial – Social Media web Application, Coding Ninjas   **Oct 2021 - Till Date**
- Added All User Authentications Using Passport.js Library and Google Auth. Users Can Also Sign in & Signup using Google Account.
- Used MongoDB and Mongoose ODM for Database.
- Implemented Post, Comment on Post & Like on Post and Comment, User can Also Update his Data Like Name, Email and Profile Picture.
- Used SASS & SCSS npm Library for Style, Nodemailer for Mailing, Multer for Upload File, and ejs.

Movie Hunting Application, Coding Ninjas   **Mar 2022 - Apr 2022**
- Its Movie Search Application, Where You Can Find Every Details Regarding Movies, Like IMDB, and Other ratings, Summary, And Other Important Details.
- Developed Using React, Redux, and Used API to retrieve data.

Placement Cell, Coding Ninjas   **Feb 2022 - Feb 2022**
- Aimed to manage student profile, schedule interview, create company profile, export and download all student, company, and interview data in csv format with very ease.
- Added all user authentication using Passport.js Library and created Sign-In and Sign-out features.
- Used MongoDB and Mongoose ODM for databases.
- Implemented Create User, Create Company, Schedule Interview.
- Used EJS, Node.js, MongoDB, Passport.js, cookie-parser, express, json2csv, nodemon.

Super Hero Hunter Application, Coding Ninjas   **Dec 2021 - Jan 2022**
- Used SuperHero Api to fetch data and display the list of superheroes in correspondence to user input.
- Implemented add to favorites feature where users can save their favorite superhero profile.
- Implemented superhero details page where users can see all stats, appearance, alliance, property and other info of superheroes.

PROFESSIONAL EXPERIENCE

Software Developer   **Jul 2022 - Till Date**

Convene India Pvt limited, Greater Noida
- Working on the only ESG reporting software ConveneESG.
- Contributed in creating DashBoard for Data Visualization and many forms for Data Collection.
- Used ConveneESG to analyze data in various Chart, Table and Graphical representation to make easier and precise decisions whether to invest in a company or not.

- Developing using JavaScript, jQuery, MongoDB and Ambience Tool.

TECHNICAL SKILLS
Java, JavaScript, Data Structure, Algorithm, HTML, CSS, jQuery, OOPs, Bootstrap, Node.js, React.js, GitHub, MongoDB, Express.js, UI UX.

TECHNICAL TRAININGS
STEM Connect Virtual Experience Program **Apr 2022**
Deloitte
- Trained in Coding, Data Analysis, Development, Cyber Security, and Forensic Technology

Coding Virtual Experience **Apr 2022**
Accenture
- Trained in Object Oriented Programming, Code Refactoring, Continuous Integration, Agile Planning

JavaScript Programming **Sept 2020**
Udemy
- Trained in Basics Syntax, Scope, IIFE, Hoisting, Callbacks, Promises, Closures, Prototypes, Ajax, Asynchronous JavaScript.

PUBLICATIONS
- "Lane Detection In Autonomous Transportation System", Akash Kumar Singh, IJSER, Volume 9, Issue 3, Aug - 2022.
- "Generating & Analyzing News Using AI", Akash kumar Singh, Sanjit M, Neha Sharma, Nishant, Rahul Kumarm, Gali Sai, IJARESM, Volume 10, Issue 6, June - 2022.
- "Classification of Garbage For Robotic System Using Deep Learning Techniques", Akash Kumar Singh, Harshita Dooja, Nachiket Shinde, 6th International ICCS, IEEE, May - 2022.

CERTIFICATIONS
- Received certification in "Back-End With Node.js", Coding Ninjas, Feb 2022.
- Received certification in "Advance Front-End React.js", Coding Ninjas, Jan 2022.
- Received certification in "Java", HackerRank, Jul 2021.
- Received certification in "Problem Solving", HackerRank, Jul 2021.
- Received certification in "Data Structure and Algorithm", Coding Ninjas, Aug 2021.
- Received certification in "Front-End Web Development", Coding Ninjas, Nov2021.

ACTIVITIES AND AWARDS
- Raised Fund For "The Project – Meri Pehchan – Providing Basic Education and Books to unprivileged boys and Girls" for NGO "Tare Zameen Foundation" and got LOR, Noida, June 2022.
- Secured a place in Top 3 of the Batch, Coding Ninjas Industrial Training in Data Structure Full Stack (MERN Stack) Web Developer, Coding Ninjas, Online, Feb 2022
- Secured 5th position out of 60 participants by working on Educational ERP Software, Dexterix Hackathon, Galgotias University, Greater Noida, Nov 2018.
- Secured 3rd position by writing programs for Embedded and Sensors, Microcontroller & Embedded System Workshop, Bit and Byte Laboratories, Galgotias University, Greater Noida, Oct 2018
- Secured 2nd Rank, Swachh Bharat Mission Quiz, Municipal Corporation Hospet, Government of Karnataka, Aug 2015.

RELEVANT LINKS