

AMIT KUMAR SINGH

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Github

GeeksforGeeks

Portfolio

Noida, India

EXPERIENCE

Software Developer

Anirvana Private Limited

July 2023 – June 2024

Hyderabad, India (Remote)

- Developed CRM system for an edutech startup, including Handle CRM with user authentication, dynamic forms layout builder with Drag and drop feature, advanced filters, and data visualization using React, Redux, Django, PostgreSQL, and Material UI.
- Built Dreamshala CRM with components for employers, employees, clients, and students, featuring multistep forms, APIs, and deployment on AWS using EC2, S3, RDS, and Nginx.
- Deployed both CRM systems on AWS with a robust infrastructure, incorporating EC2 instances, S3 for storage, RDS for database management, and Nginx server on Ubuntu.
- Implemented CI/CD pipelines using AWS CodePipeline & CodeDeploy for automated front-end and back-end deployment processes, ensuring efficient development cycles and system reliability.
- Lead the development of [madschool.in](#), aligning with product manager specifications and providing mentorship to interns throughout the website development process.

Software Developer Intern

Anirvana Private Limited

May 2023 – July 2023

Hyderabad, India (Remote)

- Developed and integrated core features in the Handle CRM, including dynamic View Sales lead enquiry Page, Notification system, and BroadSearch Page, to boost performance and user satisfaction.
- Played a key role in developing distinct Enquiry Status Pages, streamlining enquiry management within the CRM for enhanced efficiency.
- Implemented Material Table for seamless data export, enhancing accessibility and usability of CRM information.

Software Developer Intern

Dataknobs

March 2023 – April 2023

Redmond, WA, USA (Remote)

- Designed and developed a blog website during an internship.
- Researched and added a feature to upload multiple files for a slider(carousel).
- Developed home, login, signup and write page with a rich text editor component, Individual blog pages using React.
- Implemented RESTful APIs using Express, and Node.

SKILLS

C++ Python JavaScript OOPs concepts React Redux

Material UI Django PostgreSQL AWS CI/CD Node

Express MongoDB HTML CSS

PROJECTS

English Learning Application

[Source Code](#)

- Designed and developed an interactive web app for English language learning using React, Node.js, and Express.js.
- Implemented CRUD operations, integrated MongoDB, and ensured secure user authentication.

Chat Application

[Source Code](#)

- Implemented a real-time chat app using Node.js and web sockets.
- Enabled real-time functionality and implemented responsive web design.

DriveWatch

[Source Code](#)

- Developed a Distracted Driver Detection system using Python, OpenCV, and CNN, trained on 22,424 sample images.
- Evaluated system performance using metrics like accuracy, precision, and recall, achieving over a 50% reduction in distracted driving accidents in test environments.

EDUCATION

Greater Noida Institute of Technology

Bachelor of Technology in Information Technology

CGPA: 7.5/10.0

ACHIEVEMENTS

- Implemented Convolutional Neural Network for Distracted Driver Detection, featured in ISRO's Science, Engineering, and Technology publication. [Link](#)
- Developed a Web Page Ranking Search Engine with SEO Suggesters, published in ISRO's Journal. [Link](#)
- Certificate of completion for Microsoft Virtual Experience Program. [Certificate](#)
- Certificate of completion for The Web Developer Bootcamp. [Certificate](#)
- Google Cloud Essentials course completion and certification. [Certificate](#)