ADITYA KASHINATH RAUL

B.E. - Electronics & Telecommunication Engineering

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BRIEF SUMMARY

I'm a developer who loves turning ideas into seamless, user-friendly applications. Whether it's crafting intuitive designs or optimizing performance, I enjoy making apps to improve experiences.
I'm all about clean code, smart problem-solving, and working with teams to bring big ideas to life. Git and GitHub? Just another day at work! My goal is to keep learning, improving, and building solutions that are not just functional but also fun to use.

KEY EXPERTISE

NodeJS ReactJS Express MongoDB Firebase Material-UI Java Dart Flutter Python

EDUCATION

SIES Graduate School of Technology   2021 - 2025
B.E. - Electronics & Telecommunication Engineering | CGPA: **7.52** / **10**

Junior Science Pace College, Nerul, Nerul   2020
12th | Maharashtra State Board of Secondary and Higher Secondary Education | Percentage: **69.08** / **100**

Bal Bharati Public School, Kharghar, Kharghar   2018
10th | CBSE | Percentage: **75** / **100**

INTERNSHIPS

EnergiSpeak Analytics Pvt. Ltd. | IT / Computers - Software   15 Jun, 2024 - 31 Jul, 2024
Full Stack Developer

Key Skills: Material-UI Express.js React.js Node.js Postman MongoDB Figma

During my internship, I specialized in both front-end and back-end development. On the front end, I designed website layouts using Figma and implemented UX-oriented, responsive web interfaces with React.js and Material-UI. On the back end, I created and managed server-side applications with Node.js and Express.js, developed and tested RESTful APIs, and integrated essential backend functionalities. Additionally, I leveraged MongoDB for database management, designing complex schemas to support the application's smooth operation.

IEEE Bombay Section | IT / Computers - Software   15 Sep, 2023 - 31 Oct, 2023
Full Stack Developer

Key Skills: Svelte Tailwind SvelteKit

The role involved creating a new feature on the platform developerstar.com using the technologies Svelte, Tailwind, and SvelteKit. During the internship, I developed a Markdown converter. Due to the task at hand, I got to learn about Markdown Language, Regex, and difficulties in creating an editor.

PROJECTS

Hubbie Chat   12 Nov, 2023 - 24 Dec, 2023
Team Size: 1

Key Skills: ReactJS MongoDB NodeJS Express JWT Material-UI Socket.io

Project Link: https://chat.lastbenchscholar.com

Hubbie Chat is a real-time chatting app built upon the MERN and Socket.io tech stack. The web app has the following features:
1. Users can create an account and persist their authentication state.
2. Search a user by name or email.
3. View a user's profile.
4. Create a one-to-one chat.
5. Create a group chat.
6. Add or remove users from a group chat.
7. Notification panel.
8. Two themes (light and dark).
More features are to be added soon.

Blogging
Team Size: 1

29 Jun, 2023 - 14 Aug, 2023

Key Skills: MongoDB ReactJS Express NodeJS Material-UI

Project Link: https://blog.lastbenchscholar.com

This blogging web app is one of the many apps for my LastBenchScholar brand. It has a minimalistic design and promotes growth and health through blogs. The website has the following features:
1. Admin can create blogs. Add tags to the blog.
2. Blogs are segregated into sections (Tips, Health, General).
3. Users can see the date and preview of the blogs on the home page and different sections.
4. Feedback page for any ideas or suggestions.

Mi Notez
Team Size: 1

26 May, 2023 - 12 Jun, 2023

Key Skills: ReactJS Material-UI Firebase

Project Link: https://mi-notez.web.app

Mi Notez is a notes-keeping web app that uses the Material-UI styling library which implements Google's design style. For authentication and storing data, Firebase as the backend is used. The app has the following features:
1. User Authentication (Login/Signup/Logout).
2. Create note panel to add a note (add category, title, details)
3. My Notes panel (home page) to view all the notes.
4. Delete notes from the My Notes page.

ACHIEVEMENTS

- Runner up in inter collegiate basketball tournament 2023
- Runner up in basketball tournament held by NMIMS 2024

ASSESSMENTS / CERTIFICATIONS

Embedded System Design Using Arduino Uno

Key Skills: Arduino UNO C++ Interfacing Sensors

In this course, I interfaced many sensors like Proximity, LDR, Ultrasound sensors, and output devices like a 7-segment display, & 16x2 LCD with Arduino Uno. The fun part started when we had to code the desired functionality we wanted from the hardware. The coding was done in C++ language. Development in Arduino Uno is very user-friendly and beginner-friendly.

Image Processing and Machine Learning using Python

Key Skills: Image Processing OpenCV Machine Learning Neural Networks Regression

In this course, we got to learn how to change the properties of the image according to our needs, how to add or remove markings in an image, and how to apply different filters to the image. After learning the fundamentals of image processing we moved forward towards machine learning. First, we learned the basic regression models, and then we proceeded towards advanced concepts like convolutional neural networks and deep learning. Finally, we created an Object Classification model as our course project which gave us a more practical understanding of Machine Learning and Image Processing.

POSITIONS OF RESPONSIBILITY

GDSC Programming Coordinator
In this position, I had to teach programming languages such as Java in the boot camps held by the GDSC SIESGST for the tenure 2022-23. My key responsibilities included creating and structuring the lesson plans, making illustrative presentations, and delivering lesson content during the boot camps.

GDSC Programming Lead
As a Programming Lead at GDSC SIESGST for the tenure 2023-24, I had to teach my coordinators how to create curated lesson plans for the boot camps that the programming domain conducts to teach college students programming languages. I managed and taught my coords how to teach, how to keep sessions interactive, how to maintain body posture, how to control the flow of the session, how to grab their attention till the very end of the session, etc. From teaching to managing coordinators under me gave me a lot of experience in the field of management.

Backend Coordinator | Codechef SIESGST
I was recruited as the Backend Coordinator for the tenure 2022-23. This role involved creating new features and fixing issues in the backend as well as in the frontend of our chapter platform arena.siesgst.ac.in. I worked with technologies like nodejs, pug, express and mongodb.

Technical Lead | Arena SIESGST
As the Technical Lead of Arena SIESGST (previously Codechef SIESGST) for the tenure 2023-24, I had to oversee the task assignment and execution of those tasks that I had to assign to the coordinators based on their skill level. The role also involved listing

issues and new features for the platform.

President | Arena SIESGST

As President of Arena SIES GST Chapter (formerly Codechef SIES GST) for the tenure 2024-25, I oversee the planning and execution of academic initiatives and team management during events. My role involves ensuring smooth operations, guiding team members, and fostering collaboration to meet the chapter's objectives. With a well-rounded understanding of all domains and effective communication skills, I aim to maintain a friendly and productive environment.

College Basketball Team Captain

Demonstrated leadership, communication, and problem-solving skills while captaining the college basketball team for the year 2024-25, ensuring a positive and inclusive team environment.

SEMINARS / TRAININGS / WORKSHOPS

Google Cloud Career Practitioner Campaign **Institute Name:** GDSC SIESGST

Key Skills: Google Cloud   Google Cloud Platform   Kubernetes   Google API

In this training, I got to learn a lot about cloud computing. Explored various topics like scalability, service models (SaaS, IaaS, PaaS), load balancing, security, IAM (Identity and Access Management), Kubernetes, Storage, API key management, etc. Not only did I get to learn the theory part but also because of free credits provided by Google I could perform practical Labs to solidify my understanding practically.

CO-CURRICULAR ACTIVITIES

- Google Cloud Career Practitioner 2023 Completed
- Participated in Smart India Hackathon 2023
- Took workshop for third year EXTC on Exploring Application areas of python in digital communication
- Provided mentorship for major project to several groups
- Participated in MumbaiHacks 2024 which created a new entry in Guinness World Records for Largest GenAI hackathon.

EXTRA CURRICULAR ACTIVITIES

- Runner up in basketball TML 2021
- Event Head for BUG4EVER an annual national level flagship event organised by Arena SIESGST

PERSONAL INTERESTS / HOBBIES

- Basketball
- Trekking
- Development
- Playing Guitar

IMs

- WhatsApp - https://wa.me/qr/J4CTCS24UWLUP1

PERSONAL DETAILS

Gender: Male
Marital Status: Single
Current Address: 1003, M1 Building, Valley Shilp CHS, Sector 36, Kharghar, Navi Mumbai, Mumbai, Maharashtra, India - 410210

Date of Birth: 09 Dec, 2002
Known Languages: English, Hindi, Marathi
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