

AVNISH KALYANKAR

Computer Science Graduate

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Education

Gandhi Institute of Technology and Management

June. 2019 – June 2023

Bachelor of Technology in Computer Science

Visakhapatnam, Andhra

CGPA: 8.12 / 3.37

Pradesh

Relevant Coursework

- | | | |
|----------------------------------|---------------------------|-------------------------------------|
| • Web Application Development | • Artificial Intelligence | • Cloud Computing |
| • Data Structures and Algorithms | • Distributed Computing | • Computer Architecture |
| • Software Methodology | • Database Management | • Neural Networks and Deep Learning |

Experience

1Stop.ai

May 2022 – September 2022

Front End Developer Intern

Visakhapatnam (Remote)

- Using HTML and CSS, responsive web pages were created in accordance with the organization's specifications.
- Made aware of standards and best practices for development.
- A step in the full development process, which also entails testing, debugging, and designing.

Pearl Thoughts

June 2023 – July 2023

DevOps Trainee Engineer

Pune (Remote)

- Using Terraform to automate operations such as EC2 instances and virtual machines on several cloud platforms.
- Automating the download of different tools and applications via shell scripting.
- Gained an understanding of containerization tools such as Kubernetes and Docker from basic to intermediate.
- Building CI/CD pipelines with GitHub actions to deploy Python and Node.js apps.

Creative Softech

July 2023 – Dec 2023

Junior Cloud Engineer

- Developed expertise in Azure products and services, encompassing virtual machines, storage, databases, networking, and serverless computing, among others.
- Recognized and used infrastructure as code (IaC) templates in Azure Resource Manager (ARM) for resource provisioning and management.
- Utilizing platforms like GitHub Actions and Azure DevOps, I assisted in the design, deployment, and maintenance of CI/CD pipelines for Python and Node.js apps.

- To guarantee a streamlined and effective development lifecycle, the build, test, and deployment processes were automated.
- Stayed up to date with the latest developments in CI/CD tools, Azure services, and cloud engineering best practices.
- Made use of opportunities for training and professional development to expand knowledge and skills.

Projects

Recommendation System | *Python, NumPy, Jupyter Notebook*

March 2022

- Designed and implemented a complex recommendation system based on cosine similarity analysis and user preferences.
- Engineered user vectors that efficiently incorporate user preferences and aversions towards actors in cinematic projects.
- Measured the cosine distance between the user and movie vectors in order to determine how similar they were, resulting in recommendations that were accurate and customized.
- Proficiently handled and processed enormous datasets, ensuring optimal performance and data integrity.
- Worked in a cohesive team environment using GitHub as a platform for collaboration, adeptly using Git commands to oversee incremental changes over various project stages.

Expense Tracker | *Java, React, Springboot, Azure*

November 2022

- To provide a solid and adaptable architecture, a dynamic web application using ReactJS for the frontend and Spring Boot for the backend.
- The online application was powered using Azure web apps services.
- Designed and integrated tools that allow for effective tracking and management of expenses.
- Exhibited proficient use of GitHub to manage project modifications throughout many development phases, demonstrating excellent communication with team members.

Personal Portfolio | *HTML, CSS, ReactJS, Tailwind*

Jan 2024

- Tailwind CSS was used styling, dynamic components were added using React.js and JavaScript for interactivity.
- A very responsive portfolio with optimal viewing experience on various devices.
- ReactJS enabled modular and reusable components, making the code base more maintainable.
- Tailwind CSS made styling easier because of its utility-first approach for rapid development and customization.
- Utilized form.io to get rapid form collection functionality.

Technical Skills

Languages: Python, C++, SQL, HTML, CSS, JavaScript

Infrastructure as Code: Terraform

Database Management: MySQL, MSSql

Tools: VS Code, Jupyter Notebook, Docker, Kubernetes

Technologies/Frameworks: Springboot

Operating System: Linux

Leadership / Extracurricular

ACM Student Chapter

July 2020 – May 2021

Public Relations

- Overseeing and managing the Student Chapter's Public Relations (PR) efforts was the main duty.
- Maintained efficient lines of communication with many academic community stakeholders.
- Coordinated with academics and students, incorporating many stakeholders in a collaborative approach to public relations.

Treasurer

- Advanced to the position of Student Chapter ACM Treasurer.
- A member of the Core Team, which included the leaders of each vertical.
- Taken on financial responsibilities, including managing the Student Chapter's budget, financial planning, and financial transactions.
- Plays a strategic role in making sure the club has the money it needs for projects, events, and daily operations.
- Held almost 30 events with great success in a single year.

Kalakrithi Cultural Club

June 2021 – May 2022

Vice president – Music Club

- Selected for a pivotal leadership role that entails supporting the Music Club's general administration and success.
- Arranged and led musical performances with a range of instruments.
- This involved booking artists, setting up timetables, and making sure the show was interesting and varied.
- Meticulously neglected rehearse sessions and made sure each performance was flawless.
- Placed a strong emphasis on leading the club toward its objective and creating a supportive, cooperative atmosphere.

OnePeace – Music Group

Sept 2022 – May 2023

Lead Singer/Guitarist

- As part of an outreach initiative to raise knowledge of the club outside of campus grounds, I took the lead in forming a musical band during my Vice Presidency.
- Contributed to the extensive outreach for the cultural activities. The Kalakrithi Club's revenue increased.
- Acquired agreements with several eateries located throughout the city.