

# Abhinav Kumar

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## EDUCATION

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### BMS College of Engineering

Bachelor of Engineering (Computer Science) - CGPA: **9.1/10.0**

Bangalore, India

Dec. 2021 – Present

### Kendriya Vidyalaya, Panambur

Secondary high school - **95.6**

Mangalore, India

May. 2019 – Aug 2021

## TECHNICAL SKILLS

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**Languages:** Python, C/C++, MySQL, JavaScript, HTML/CSS, Linux.

**Frameworks:** React, Node.js, MongoDB, Express.js, Streamlit.

**Developer Tools:** Git, GitHub, VS Code, Kubernetes, Docker, Jenkins, Ansible, Jira, Grafana, Prometheus.

**Cloud Service:** Google Cloud Platform, AWS.

**Libraries:** Pandas, NumPy, Matplotlib, Scikit-learn, Seaborn.

## EXPERIENCE

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### Problem Setter

May 2023 – Present

*TechCurators*

*Bangalore, India*

- Developed a comprehensive set of **2000+** questions covering **Java, Unix, Python, C Sharp, DSA, Cloud fundamentals, AWS etc**
- Created a well-balanced set of questions with easy, medium, and difficult levels to challenge participants for a variety of **hiring drives** and **assessments** of companies.
- Received **positive feedback** from the client regarding the **quality** and **effectiveness** of the questions.

## ACHIEVEMENTS

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- Secured Global Rank **1648** in TCS Codevita 11 Round 1
- Secured Global Rank **478** in CodeChef Starters 58
- Secured Global Rank **1159** in CodeChef Starters 57
- Secured Global Rank **1474** in CodeChef October Long 2022
- Secured Global Rank **14th** in Girlsript summer of Code 2023

## PROJECTS

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### FlixGenius | *Jupyter Notebook, Machine Learning, Python, Streamlit*

Jun 2023 – Jul 2023

- Developed a movie recommender system website using **Streamlit**, a Python library for building interactive web applications.
- Performed **data preprocessing** tasks on the **Kaggle** datasets to **clean**, transform, and normalize the data for analysis and Utilized **data visualization** techniques.
- Incorporated features such as **search functionality**, personalized recommendations.
- Created an intuitive and **user-friendly interface** for users to interact with the movie recommendation system.

### TaskFlow | *Django, Docker, AWS, Jenkins, Git*

Sep 2023 – Oct 2023

- Deployed a Django-based todo application using **Docker**, ensuring efficient **containerization** and **scalability**.
- Implemented CI/CD with **Jenkins**, automating the development and deployment processes for the project
- Docker was used to deploy a **Django**-based to-do application on an **AWS EC2 instance**.

### LinkShare | *React.js, Express.js, MongoDB, Node.js*

Nov 2022 – Dec 2022

- Developed a cutting-edge File Sharing Application utilizing **MERN** enabling seamless document uploads and **automatic link** generation for **effortless** sharing and downloading.
- Designed and implemented **secure** backend functionalities to manage file storage and retrieval

### QubeSync | *SonarQube, Docker, AWS, Jenkins, Git*

Sep 2023 – Oct 2023

- Managed and updated code efficiently on GitHub, ensuring a smooth **collaborative** development process.
- Implemented Jenkins **CI/CD** pipeline with **webhooks** for automatic builds on code changes.
- Ensured code **quality** with SonarQube analysis, addressing issues and **maintaining coding standards**.
- Deployed using **Docker** containers, automating the process for consistent and **reliable** application deployment.