

**Allenki Akshay**  
[allenkiakshay8322@gmail.com](mailto:allenkiakshay8322@gmail.com)  
+91 63017 03596

[Github Profile](#)  
[LinkedIn Profile](#)  
[LeetCode](#)

## EDUCATION

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- **VIT-AP University, Amaravati** 2022-26  
*B.Tech - Computer Science and Engineering*
- **Narayana Junior College, Hyderabad** 2020-22  
*M.P.C Telangana State Board of Intermediate Education* CGPA: 8.8/10
- **Krishnaveni High School, Mancherial** 2020  
*Telangana State Board of Secondary Education* CGPA: 10/10

## EXPERIENCE

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- **Software Engineering Intern | [Certificate](#)** *September 2023 - June 2024*  
**VIT-AP University** On-site
  - Been a part of development of the official **VIT-AP University website**. Architected a scalable system design capable of handling **1+ million monthly requests**.
  - Developed using **Next Js** and **Tailwind CSS** for a responsive frontend and **Strapi headless CMS** for efficient content management, resulting in a **40% improved SEO**.
  - Deployed on AWS, leveraging S3, EC2, RDS, Amplify, and Auto Scaling Groups to achieve 99.9% uptime and streamlined CI/CD Pipelines.
  - Implemented a ticket verification system for Vitopia concert, digitizing the entire ticketing process and significantly reducing fraud. Sent bulk emails to over **10,000+ students**, ensuring secure ticket distribution. Decreased Ticket Verification time by 90%
  - Managed task distribution, sprint planning, and code reviews through **Jira** and **Github**, reducing **development time by 20%**.
- **Full Stack Developer Intern | [Certificate](#) | [Frontend](#) | [Backend](#)** *May 2023 - May 2024*  
**Indian Institute of Technology, Bombay** Remote
  - Created an advanced speech recognition system using React.js, resulting in a 25% decrease in customer wait times and an increase in first-call resolution rates, elevating overall service efficiency.
  - Spearheaded the integration of an Audio Transcription API that processed over 10,000 audio files monthly, drastically reducing transcription time by 75% and improving overall service delivery efficiency for the customer service team.
  - Integrated a serverless backend architecture using Python Flask, leading to a 40% reduction in deployment time and improving system response rates by 25% through the integration of Redis for caching.
  - My major contributions in this project is that integration of api majorly Audio Transcription, Audio Translation, Transcript Translation.

## Projects

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### ● **Certificate Generator Full Stack Web App | [Deployment Link](#) | [Code Repository](#)**

*Developed a full-stack Certificate Generator web application as an active member of the CSI club at college.*

- Utilized **Next JS**, **Javascript** and **Tailwind CSS** for frontend, Implemented **Firebase authentication**, **Redux** for state management and deployed to **Vercel**.

## Technical Skills and Interests

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**Languages:** Java, Python, JavaScript, Typescript, Solidity.

**Libraries :** Numpy, Pandas, Matplotlib, NLTK, Spacy, Whisper, Tensorflow, Pydub, Pyannote.

**Frameworks:** Next Js, ReactJs, VueJs, Node Js, Express Js, Prisma ORM, Java Spring Boot, Django, Flask, Headless CMS (Strapi, Sanity)

**Databases:**MySQL, PostgreSQL, MsSQL.

**Devops:** Docker, nginx, Apache, AWS EC2, AWS ECR.

**Software development tools:** Git, Github, Gitlab, Postman.

**Cloud:** AWS, Azure, GCP.

**Relevant Coursework:** Data Structures & Algorithms, Operating Systems, OOPS, Database Management System, Cloud Computing, Natural Language Processing, Computer Networks.

**Soft Skills:** Leadership, Communication, Client relations, Learning agility.

## Positions of Responsibility

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- **Lead of Technical Team | [Certificate](#)** *SEPT 2023 - JUNE 2024*  
*CSI Chapter, VIT - AP*