Aksh Desai

Location: Valsad, Gujarat, India

Software Development Intern

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Profile

I am a third-year Information Technology student at CSPIT, Charotar University. Proficient in Java, Python, C, C++, and source management tools like Git and GitHub. I'm currently a part of the Graphics and Media team for the CP Squad Student Club at the college. Passionate about technology, I have developed and deployed multiple open-source projects in various domains.

Technical Skills

Languages	:	Java, Python, Dart, C, C++
Databases	:	Oracle, MySQL, Firebase
Tools	:	Git, GitHub, Docker
Non-Coding Skills	:	Photoshop, After Effects, Premiere Pro, Excel, Blender

Experience

Intern   May 2024 – Jun 2024
Atul Ltd   *Atul, Gujarat, India*

- Worked on various projects across multiple domains such as Python with AI/ML, Python with automation, Database, and web, etc.
- Researched open-source ML models and created a pipeline for automating specified systems.
- Assisted in system design and database schema designing while assisting with normalizing the schema.
- Automated and created an ATS-like system using python.

Graphics and Media Team   Mar 2024 – Current
CP Squad, CHARUSAT   *Changa, Gujarat, India*

- With another team member, worked as the Graphics and Media team for the CP Squad student club.
- Worked using tools such as Adobe Photoshop, Adobe Illustrator, and Canva

Intern   Feb 2023 – Jul 2023
Sapient Codelabs   *Surat, Gujarat, India*

- Continued the previous project from the previous internship and worked more on it while leading the same team.
- Completed and represented the project to the company and the college.

Intern   Jul 2022 – Feb 2023
TechNomads Solutions Pvt Ltd   *Surat, Gujarat, India*

- Lead a team of 5 other inters while creating a mobile application using Flutter and Firebase
- Was the SPOC for the college and the company, representing my team.

Education

CSPIT - Charotar University of Science and Technology   Changa, Gujarat, India
Bachelor of Technology, Information Technology   *Aug 2023 – Present*

Gujarat Technological University   Surat, Gujarat, India
Diploma, Information Technology   *2020 – 2023*

Atul Vidyalaya   Valsad, Gujarat, India
Secondary School   *2020*

Projects

Our Community   *Flutter (Application Development)*

- Created an intra society communication and management service under an internship while leading a team of 5 other members.
- Provided a platform for communication in a society, payment of maintenance, raising of issues and much more.

GitHub Repository: https://github.com/Our-Community-TDEC/Our-Community

Project Watchdog   *Python (Cyber Security and Digital Forensics)*

- Created a desktop privacy and security monitoring service using python
- Users get notified of blocked people and states occurring on their devices and the device gets locked or shut down.

GitHub Repository: *https://github.com/Our-Community-TDEC/Our-Community*

PyCompare   *Python (Image)*

- Efficiently scale across numerous cores and between CPU and GPU(CUDA) at the same time when chosen.

- Can compare a terabyte of photos while effectively only utilizing 16GB of system memory in most cases.

- Modular and powerful, allowing user to be in control of each attribute of the system.

GitHub Repository: https://github.com/AkshDesai04/PyCompare

Text to Handwriting   *Python (Image)*

- *Developed a system which takes test and handwriting as an input and returns images of computer-generated handwritten documents in the provided handwriting*

GitHub Repository: https://github.com/AkshDesai04/Text-To-Handwriting

Publications

The Complete Guide to Becoming a Software Architect   *Udemy*

- Certificate ID:

Certifications

The Complete Guide to Becoming a Software Architect   **Udemy**

Certificate ID: UC-337af255-8bb8-425a-ad3c-17366babf158

Volunteering

Website making and deployment   Nov 2022 – Feb 2023
Habitat for Humanity   *Valsad, Gujarat, India*

- Designed, developed, and deployed a website pro bono for a local NGO.

- Implemented updates and enhancements based on the organization's evolving needs.