

Chirag Verma

Software Engineer

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Professional Summary

Software Developer with 2 years of experience in Python, Django, HTML, CSS, and JavaScript. Skilled in building web applications, APIs, and user-friendly interfaces. Strong problem-solving skills, quick to learn, and a proactive team player focused on delivering high-quality software and achieving project success.

Experience

Software Engineer

Nov 2022 – Present

Tabsons India

- Worked on the BARC project, tested software for bugs, and provided detailed reports on issues.
- Enhanced existing software by identifying and fixing defects.
- Developed multiple software solutions using Python for the organization.
- Analyzed weekly channel data reports with necessary validations to ensure accuracy and consistency.

Software Engineer

Nov 2023 – May 2024

Tedray Pvt Ltd

- Developed and integrated new software modules to enhance system functionality.
- Identified and resolved bugs and performance issues to improve software reliability.
- Contributed to feature updates, enhancements, and debugging processes.
- Ensured code stability, maintainability, and optimal user experience.

Education

Bachelor of Technology (B.Tech) in Computer Science

2020-2023

Dronacharya College of Engineering

Diploma in Computer Science

2016-2019

Government Polytechnic College, Manesar

High School

2015-2016

Indira Gandhi Public School

Technical Skills

Frontend: React.js, HTML, CSS, Tailwind CSS, JavaScript

Backend: Python, Django REST Framework, Flask, Golang

Database: PostgreSQL, MongoDB, Mongoose

Other Skills: RESTful APIs, MS Office, MS Excel (Formulas, Pivot Tables, Data Analysis), Git, GitHub, Jira, Linux

Projects

CRM Web Application

Tech Stack: Django, Python, JavaScript, HTML, CSS, PostgreSQL, Redis, Celery

- Implemented role-based access control (RBAC) to manage user permissions and restrict access to specific features
- Client Invitation System with Email Confirmation
- Project Chat Module with File Attachments
- Automated Email Notifications (Using Celery + Redis)
- Dynamic Form Handling with Django Forms
- File Upload & Preview System
- SweetAlert for User Interactions
- Frontend Template Integration with Bootstrap and JavaScript

AppOpener Web Application

Tech Stack: React.js, Node.js, Express.js, HTML, CSS, Tailwind CSS, Bootstrap, Firebase, MongoDB

- Developed AppOpener, a web application that generates smart URLs for seamless redirection to platform-specific apps
- Enabled smart URL creation for YouTube, Instagram, and other platforms, ensuring a smooth user experience
- Designed a redirection mechanism that automatically opens links in their respective mobile applications
- Improved user engagement by minimizing friction in accessing platform-specific content

DD Free Dish Web Application

Tech Stack: Django, Python, HTML, CSS, JavaScript, SQL, Twilio SMS

- Developed a web application for installers to collect essential beneficiary information and manage DD dish installations
- Implemented OTP verification to ensure secure authentication and prevent unauthorized installations
- Streamlined the installation process with a structured workflow for data collection and location tracking
- Enhanced system security and reliability through real-time beneficiary verification

NewsAPI Validator

Tech Stack: Django, Python, HTML, CSS, JavaScript

- Developed a news duplication system that identifies similar lines in news stories by performing string-by-string and character-by-character comparisons to reduce redundancy
- Built a news data retrieval system that fetches news content via APIs, ensuring efficient data collection
- Implemented data validation mechanisms to check news count, category, blank fields, and duration, ensuring data accuracy and consistency
- Integrated the system into **Tabsons** Company, where it is actively used for news processing and validation

Achievements

CoviHack21 Hackathon by DSC

Ranked Top 10 among 100 teams for developing an innovative solution

Project Competition

Secured 1st place in a project competition among 25 teams

Languages

- English
- Hindi