

Chandan S Gowda

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Over **2500+** contributions to **25+** open-source projects including **80+** Merged Pull Requests

PROFESSIONAL EXPERIENCE

[COMMVAULT](#)

Bengaluru, Karnataka

Software Engineering Intern

Jan, 2024 - Present

- Played a pivotal role in the enhancement of the automation dashboard by leveraging **NextJS** and **FastAPI**, facilitating smoother operations and providing user-friendly interface for the Virtual Server Agent team.
- Worked on automating test cases related to VM Protection in **Microsoft Azure** and AzureStack environments using **Python**, **cvpysdk** and **Selenium**.

[HEYNOX](#)

Remote

Backend Developer

Oct, 2023 - Jan, 2024

- Developed and optimized the backend architecture for HeyNox's next-generation personal assistant using **FastAPI**, **Supabase**, **Langchain**, **Weaviate** and **Pusher**.
- Contributed to enhancing the product's ability to manage complex user interactions and deliver personalized experiences through sophisticated **real time data** handling and processing techniques.

[GOOGLE SUMMER OF CODE 2023](#)

Remote

Full Stack App Developer

May, 2023 - August, 2023

- Engaged in the prestigious **GSoC program**, collaborating on **open-source** initiative and honing expertise in software development and project management . One among **967 contributors** accepted from **160 countries**.
- Working with [AOSSIE](#) Organization to develop an open source social voice mobile platform using **Flutter**, **NodeJs**, **Appwrite BaaS**, **Google Cloud** and **Livekit WebRTC Stack** called [Resonate](#).

EDUCATION

JSS Science and Technology University (Formerly SJCE), Mysore

2020-2024

Bachelor of Engineering, Computer Science - 9.3 CGPA

Jawahar Navodaya Vidyalaya, Mysore

2013-2020

CBSE - PCMB - 95%

INVOLVEMENT

[GOOGLE DEVELOPER STUDENT CLUB](#)

JSSSTU, Mysore

Cyber Security Lead

2021-2024

- Facilitated 10+ events including Flutter Forward, Hacktoberfest, Explore ML, Git Set Code, Suttur Jatre etc.
- Responsible for **vulnerability assessment** of college projects - Reported **5+ critical** security bugs till date.

[NEW AGE INNOVATION NETWORK](#)

SJCE, Mysore

Club Lead

2021-2022

- Led a team of 25 to conduct various events such as Innovathon, Ktech Innovation Hub Bootcamp, Talks etc.
- Coordinated in managing **10+** student projects funded up to **INR 3 Lakhs** by the **Government of Karnataka**.

Others - Technical Lead at Programming Community | [Engineering In Kannada](#) - 56k+ Youtube | Built **Two Startups** - Pgfy & Motoride | **University Cricket** Team Member | U-19 National School Cricket **Team Captain (NVS)** | Mentored 5 teams in T-Hub x ICE Hackathon 2023 (Resulting in 3 Winning Teams)

PROJECTS

- [Resonate](#) - **Google Summer of Code** - Flutter, NodeJS, Appwrite, Livekit
 - An open-source, social voice platform that promotes collaboration and community engagement with features like hosting discussions, audio room & management, random pair audio chat etc.
- [ECU Secure Access](#) - **Bosch AutoCybersec Project** - Python, Socket, Cryptography (CLI Tool)
 - Implemented robust Socket communication to establish secure connections between the CLI tool and ECUs, ensuring data integrity and confidentiality.
- [Paperswift](#) - **Question Paper Management System** - Python Django, REST API, Flutter
 - A Flutter app powered with Django REST API to manage question paper setter assignments.
 - I was responsible for the overall system design, API development and deployment.
- Other projects include [BunkWell Attendance Manager Mobile App](#) (20k+ downloads), [Employee Management App](#), [SMQ App](#), [Billmi Point-Of-Sales Application](#), [Home Automation System](#), [Health partner](#), [Safe Connect](#), [AudioRoom](#), [Linkedin Autotag](#), [Flutter UI Kit](#), AutoBlog, **30+ Freelance Projects** and more.

TECHNICAL SKILLS

- **Programming Languages:** Python, C, Dart, Javascript, Go
- **Technologies/Frameworks:** Flutter Cross Platform Application Development, Django REST Framework, MySQL, Git & Github, Arduino, Node.js, Express, Selenium, Firebase, Appwrite, Wordpress, Web Application Security, Linux, Web Hosting, Microsoft Azure

ADDITIONAL INFORMATION

- **Hackathons/Competitions:**
 - JP Morgan & Chase Co. Code for Good 2022 Winner
 - Hewlett Packard Enterprise SwarmIT Winner
 - Lingotran HackMitten Winner
 - VVCE Prayog Winner
 - Sahaj Software Capture-The-Flag Runner
 - All India Rank 13 in CodePeak 2022
 - 6x Winner in coding events conducted by LCC, SJCE
- **Youtube Tutorials:** [Learn Python Programming in Kannada](#) | [Data Structures & Algorithms in Kannada](#)
- **Languages:** English (Professional), Kannada (Native), Hindi (Limited)
- **Interests:** Open-Source Software, Cricket, Teaching, Bug Bounty, Fitness