

Hemant Sachdeva (hemant.evolver@gmail.com)

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EDUCATION

- **Baba Banda Singh Bahadur Engineering College** Punjab, India
Bachelor of Technology in Computer Science and Engineering; GPA: 8.4/10 Aug 2019 - July 2023
- **Kendriya Vidyalaya No. 2 DMW Patiala** Punjab, India
Class XII (CBSE Board); Percentage: 70 April 2019
- **Kendriya Vidyalaya No. 2 DMW Patiala** Punjab, India
Class X (CBSE Board); GPA: 9.2/10 April 2017

EXPERIENCE

- **H&R Block** Trivandrum, Kerala, India
Franchise Pricing Tool - Associate Software Engineer Feb, 2023 - Present
 - Currently maintaining the **UI** of the Pricing Tool, a **crucial system** used by all **15000+** **company franchisees** for setting their pricing fees for US tax season.
 - Actively managing **data binding operations** between the user interface and the **SQL database**, including adding and removing elements as needed.
- **Timemarks Examiner Pvt. Ltd.** Jaipur, Rajasthan, India
Studyem - Python Developer Mar, 2022 - Feb, 2023
 - Authored over 30 **RESTful APIs** using **Python-Flask** performing **CRUD** operations on **MongoDB** cluster.
 - Implemented **core** features for **Channel Chat** and **automated Bot** that eases channel management for an admin.
- **Unread Innovations LLP** Calicut, Kerala, India
Penzl Learning Management System - Backend Developer Jun 2022 - Jul 2022
 - Designed RESTful API in Flask for **highly optimized** and **resumable file uploads** to the organization's **S3** bucket and **insert metadata** of the uploaded file to **MySQL database**. This enhanced the file upload speed by 50%
 - Written a **Selenium** script for adding some free useful simulations **scrapped** from an **open-source** websites that reduce the efforts of educators by 30% if those simulations are added manually in the study materials. These simulations' metadata is also stored in **SQL database** using the same script.

PROJECTS

- **G-Books** Kotlin
Team Project Dec 2021 - Jan 2022
 - **Led** a team of **5 Android Enthusiasts** for developing an **Open Source Android app** during 45+ days of facilitating Android Study Jams on college campus under GDSC (local community)
 - Implemented the **database models** for the app and used the **Google Books API** to search, preview, and buy any number of e-books out of 1000K+ available over there.
- **Person Counter** OpenCv-Python
Individual Project Sep 2021
 - Scripted a **CLI** which takes either a **video** or **image file path** as an argument, **count** and **display** the **total number of person** in the static image and at every instant while a footage is playing.
- **Temp Mail** Bash, cURL, W3M, JQ
Individual Project Jul 2021
 - Reduced upto 60% spam in personal and work email accounts by creating and using the CLI to generate temporary email IDs without sharing any personal information. It uses 1sec Mail API to generate temporary email addresses.
 - Registered on 50+ websites using temporary email IDs.

SKILLS

- **Languages:** Python, SQL, Bash, C++
- **Frameworks:** Flask, Django, Pymongo, BeautifulSoup, Selenium, Pandas, Requests
- **Tools:** Git(**proficient**), MongoDB, CI/CD, Markdowns
- **Platforms:** Linux, Web, Heroku, GitHub Actions, GCP, AWS
- **Soft Skills:** Community Leading, Event Management, Team player

ACHIEVEMENTS

- M220P: **MongoDB** for Python Developers - Jul, 2022
- **Postman** Student Expert - Jun, 2022
- **Awarded** title of **Educator** by **Google Developers** for leading Android Study Jams at academic level - Feb, 2022

VOLUNTEER EXPERIENCE

- **Creator - MongoDB Community Advocacy Program** Remote
MongoDB Inc *Feb 2023 - Present*
 - The program enables enthusiastic program members to grow their knowledge, profile and leadership through engagement and advocacy of all users of MongoDB technologies.
 - Creators keeps the community updated with the latest trends in MongoDB and helps them to get started with MongoDB by providing them with the necessary resources.
- **Android Custom Rom Maintainer** Remote
Evolution-X *Oct 2020 - Jan 2023*
 - Contributing to the development and maintenance of an Android custom ROM, which includes bringing Android 11 and 12 to the Xiaomi Mi A3 when Xiaomi failed to keep our device a daily driver.
 - Providing timely updates and required patches for security vulnerabilities and bugs, ensuring that 2000+ ROM users over the globe always get a stable and secure experience.
- **Mentor** Remote
GirlScript Summer of Code 2022 *Mar 2022 - May 2022*
 - Mentored and motivated over 1,000 GitHub users on how to contribute to open source projects.
 - Helped 100+ newbies learn the ropes and grow into successful development also how to look for the helps from any open source project.
- **OpenSource and App Dev Team Lead** BBSBEC, Fatehgarh Sahib, Punjab, India
Google Developer Student Clubs BBSBEC *Aug 2021 - Jul 2022*
 - Spearheaded a team of fellows in conducting online and offline technical sessions and workshops impacting over 3000 students among several campuses.
 - Facilitated Android Study Jams for 45+ days; a community-coordinated event series to learn how to build Android apps in the Kotlin programming language, using the curriculum provided by Google Developers.
 - Improved 30% student engagement by implementing new methods of communication and collaboration.
- **Tech Team Member** Remote
GDSC WOW 2022 *Dec 2021 - Feb 2022*
 - Contributed to update existing official program website according to 2022 schedule and maintained repositories for the Open Source Hackathon.
 - Implemented a leader board section for the competitions of our 3-day long live YouTube Streaming (100K+ views) which consisted of Speaker Sessions, Live Coding, Open Source Projects webinars and workshops.