ZEESHAN EQUBAL

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EXPERIENCE

SOURCEWIZ – Remote

Software Development Intern   *Oct 2021 – Dec 2021*

- Developed a Bulk-import system, reducing clients' onboarding time by more than **300%**.
- Onboarded clients with more than **60k** products to the Directus backend.
- Wrote Python connectors for **GoogleDrive** and **WeTransfer** leveraging their public SDKs.
- Developed a **Slack** bot to create SourceWiz user/organization accounts via slash commands.
- Wrote APIs for Bulk-exporting client data in **Flask** and **FastAPI**, deployed it to **AWS Lambda** using **zappa**, and integrated with an **Appsmith** frontend.

GOOGLE SUMMER OF CODE@ZULIP – Remote

Software Development Intern   *May 2021 – Aug 2021*

- Collaborated with a team of **3** student developers under the guidance of **2** mentors, working on **Zulip terminal**, the official terminal client of Zulip to achieve feature parity with the web app.
- Developed an **EmojiPicker** for ZT in **urwid** to allow users to react to messages with various emoji's, after fetching the Emoji data from the Zulip server via a **Python** script
- Fixed high-priority **WSL** detection bug, isolated Platform handling code, fixed buggy wildcard-mentions, and improved quote rendering logic and **test** suite.
- Pushed **100**+ commits with an aggregate of **7000**+ lines of code change. [work-product]

PROJECTS

NIRIKSHAK BOT   *Python, LUA, OpenCV, CoppeliaSim, PID Control Systems*

- A ball-balancing platform designed, simulated, and tested for ISO:9000 QA standards in **CoppeliaSim**.
- The platform uses **OpenCV** to detect balls and a **PID** control system to balance it across 4 mazes on a calculated shortest path to determine the quality of the platform manufactured, with the simulation being directed by APIs in external **Python** and **LUA** scripts.

SELEMANDER   *Python, Selenium, ConfigParser, AWS*

- Automates attending regular meetings in Microsoft Teams. This **Selenium** app stores user's authentication and configuration settings in a secure .rc file, which it uses to log-in and join meetings on behalf of the user while running inside a remote **AWS EC2** instance.

ACHIEVEMENTS

- **Semi-finalists** at E-Yantra Robotics Competition (E-YRC) organized by IIT Bombay, out of more than 450 international teams.
- Worked as a **Technical Content Writer** Intern for 3 months at **GeeksforGeeks**.
- Completed both **Cloud Engineering** and **Machine Learning** Tracks of "30 days of Google Cloud" challenge.
- **Top contributor** of BIT Summer of Code'20 under the A-POP project.
- **5 star** on HackerRank, **3 star** on Leetcode and Codechef.

EDUCATION

BIRLA INSTITUTE OF TECHNOLOGY – Mesra, Ranchi   *Jul 2019 – Jul 2023 (Expected)*
Bachelor of Technology (B.Tech.),
Electrical and Electronics Engineering (EEE),
CGPA: 8.87/10.0

SKILLS

Languages: Python, C, C++, JavaScript
Web development: HTML, CSS, React, Node.js, Express.js, Bootstrap, TailwindCSS
Tools/Frameworks: Git, AWS, Docker, OpenCV, MySQL, MongoDB, Flask, FastAPI, Linux / Unix
General: Data Structures, Algorithms, OOPS, DBMS, REST