

Abhirup Pal

Exploring Opportunities(GSOC'21@PSF)

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EXPERIENCE

Software Engineer Intern

Milkieway.Inc, California, Remote

Dec, 2019 - June, 2020

Project- Announce (<https://announce.today>) - A Platform for your announcements

- **Led the entire team** in the migration of the website from pure Javascript to Angular.
- Added **debouncing** to reduce api calls.Implemented **server-side loading** and **lazy loading** to speed it up.
- Created a scraping platform and consumed **apis like Eventbrite** and **TicketMaster**.
- Created **rest apis**.
- Technologies: Python, React, Javascript,Angular, Firebase, Google Cloud Platform, Git, Agile Tool(Jira)

Software Engineer Intern

Patron Accounting

Sept, 2019 - Dec,2019,

Project- Patron Accounting Website(<https://patronaccounting.com/>) - An accounting website.

- Created the **entire website from scratch.Automated document creation** using PhpWord.
- Improved the **speed** of the website **2x** over the existing one.
- Tech Stack: Html5 Css3 Javascript Php.

OpenMF

- Fixed 2FA Authentication.
- Add Github Workflows for builds.
- Add custom Angular Material tree.

Open Source

Zulip

- Add thresholds for links.
- Add/remove stream functionality.
- Stream toggling bug fix.

EDUCATION

B. Tech Electronics and Communication Engineering

Institute of Engineering and Management, Kolkata

2018 - 2022

PROJECTS

- **Crawler-** Developed python-based **multi threaded crawler** to scrape links from a website.
- **Chat App** - **Socket.io** based chat app.
- **Mentor.tech** - A web app to seek mentors using React.
- **Desktop Wallpaper Changer** - Used **cron** job to scrape and change wallpaper daily.
- **Awesome ERP** - A full stack ERP application made with Flask as Backend, Angular with Node(for server side rendering) for Frontend.

ADDITIONAL EXPERIENCE & AWARDS

- **GSOC'21@PSF** in EOS.

Languages & Technologies

- **Languages:** Python, JavaScript, Typescript,
- **Operating Systems:** Linux(Debian based Distros), Windows
- **Databases:** Firebase, MySQL,PostGresSQL.
- **Frameworks & Tools:** Flask, Angular, React, Socket.io, Google Cloud Platform, Git.
- **Others:** Software Engineering, Project Management.