

# Sarhan M. Asakil

📍 Pasig City, Philippines

✉️ [asakilsarhan@gmail.com](mailto:asakilsarhan@gmail.com)

☎️ 09751735720

📄 [github.com/PexWave](https://github.com/PexWave)

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## SUMMARY

Recent IT graduate seeking a Python Developer role. Proficient in Python and JavaScript with a strong background in Django, Django REST Framework, Django Ninja, React, and PostgreSQL. Committed to crafting cutting-edge solutions and adept at creating dynamic web applications with a focus on code efficiency and scalability.

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## SKILLS

- Programming: Python, Javascript, Dart, PHP, Django, Django Ninja, Django Restful Framework, Laravel, ReactJS
- Database: Postgresql, MySQL, SQLite
- Software Tools: VSCode, Github, Nginx
- Cloud Computing Platforms: AWS s3, AWS ec2, AWS Route 53, AWS ECR, AWS RDS
- Containerization: Docker
- Familiar with linux mint OS

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## PROJECTS

### Computer Service Division: Ticketing Application

- Developed a ticketing application where users create tickets for issues. These tickets are processed based on priority, importance of the person, or urgency of the task before being assigned to one of the employees in the Computer Service Division.
- **Technologies used:** Laravel, VueJS Composition API, MySQL, TailwindCSS, Vuetify, Pusher WebSocket

### EYELEARN: E-learning Basic Grammar Mobile App with Openai Whisper and Amazon Polly

- Developed a Flutter mobile app for basic grammar education, catering specifically to visually impaired pupils. Leveraged OpenAI Whisper for advanced voice recognition capabilities, ensuring an inclusive learning environment.
- Utilized OpenAI Whisper and Android PocketPhinx to empower visually impaired pupils by integrating cutting-edge speech recognition technology. This feature enhances the app's accessibility, allowing users to interact with the content effortlessly through spoken commands for a more engaging learning experience.
- Leveraged Amazon Polly for audio synthesis to convert text-based lessons into natural and human-like speech, utilizing SSML (Speech Synthesis Markup Language) tags to control pronunciation, intonation, and pacing for more engaging output.
- **Technologies used:** Django ninja, Flutter, Amazon Polly, OpenAI Whisper, Android PocketPhinx, AWS S3

### UNIFY - Flutter Social App

- Developed UNIFY, a Flutter social app for the Tech Solution Challenge, enhancing campus connectivity at Western Mindanao State University.
- Utilized Flutter for a responsive user interface and Supabase for a scalable backend infrastructure.

- Features real-time chat, organization pages, event listings, RSVP capabilities, donation drives, volunteering opportunities, and notifications for enhanced student engagement.
- **Technologies used:** Flutter, Supabase

### E-voting Web App

- Developed and executed a web-based application as a crucial part of the Application Development course.
- Contributed as a backend developer, using this project to improve my skills in application development.
- Worked closely with team members to address project challenges and collectively achieve shared objectives.
- **Technologies used:** Django, bootstrap

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## EDUCATION

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Western Mindanao State University - Bachelor of Science in Information Technology – 2020 – 2024

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### Certifications and Accreditations

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- On-the-Job Training Certificate as a Software Developer Intern
  - Second Runner Up for Tech Fair 2024 - Tech Solve - College of Computing Studies
  - English Proficiency for International Competitiveness
  - The Web Developer Bootcamp 2024 (74 Total Hours) - Udemy
  - Google Developer Student Club Mobile Development Workshops - University of San Carlos
  - The Bits and Bytes of Computer Networking - Coursera
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### Personal Information

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|----------------|---|------------------------------------|
| Age            | : | 24                                 |
| Date of Birth  | : | March 19, 2000                     |
| Place of Birth | : | Basilan, Isabela City, Philippines |
| Civil Status   | : | Single                             |
| Citizenship    | : | Filipino                           |