

# Ernest Joseph S. Curativo

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Meticulous in UI/UX design, persistent in debugging errors, inquisitive and adaptive in learning new technologies, vocal in resolving problems, and most importantly, hardworking and passionate in coding. Currently a 4th-year BSCS student who specializes in React TypeScript.

## Hard Skills

- **Programming Languages:** TypeScript, JavaScript, C, Python, Java, C#, PHP
- **Web Development:** HTML, CSS, SCSS, TypeScript, JavaScript, React, Flask, Next.js (front-end), Node.js, SQL, NoSQL, MongoDB, express.js, Prisma (back-end)
- **Frameworks, Libraries, and Tools:** React, Flask, Django, jQuery, Git, GitHub, Bitbucket, Bootstrap, Tailwind CSS, Figma, Jupyter, MySQL Workbench, ASP.net, Firebase, Jira, Storybook
- **Coursework:** Data Structures & Algorithms, Web Development, Machine Learning, Natural Language Processing (Sentiment Analysis and Topic Modeling)

## Experience

### Frontend Developer Trainee

*BEfied fka Edufied (Sept 2024 - Dec 2024)*

- Worked full-time with a project manager, product owner, and a team of frontend developers and QA testers on Filpass v2.0. Link to the website: <https://filpassv2.netlify.app/>  
Technologies used: **Next.js, TypeScript, Tailwind, Bitbucket, Jira, Storybook**
- Created a dynamic & customizable table component with global & column filtering, date range filtering, simple & custom sorting, drag & drop, row selection, export, pagination, group by, dependent & independent actions, custom filters preset, and advanced filtering features with CRUD operations. Link to the table: [filpassv2.netlify.app/ia/drm/applications](https://filpassv2.netlify.app/ia/drm/applications)  
Technologies used: **Next.js, TypeScript, Tailwind, Bitbucket, Jira, Storybook**
- Redesigned an old verifier and email templates  
Technologies used: **Next.js, TypeScript, Tailwind, Bitbucket, Jira, Handlebars**

## Projects

- Created and deployed a website about Taylor Swift's discography. Link: <https://taymother.pages.dev/>  
Technologies used: **React TypeScript, Cloudflare**
- Created and deployed a Flask website of calculators using CPU scheduling, page replacement, disk scheduling, and cryptographic algorithms. Link: <https://calculators-flask.onrender.com/>  
Technologies used: **Python, Flask, Vanilla Javascript**
- Created a full-stack app with the following features: user authentication, profile viewing & sorting according to location, a forum with multi-tiered/ininitely nested comments and replies, private and group messaging, a global map, and different permissions and privileges depending on user type. Link to the documentation and video demonstration:  
<https://drive.google.com/drive/folders/1bb1KSq87Co3IKIIDPsla1yRtjeqPkSqG?usp=sharing>  
Technologies used: **React TypeScript, Node.js, Express.js, Firebase**
- Designed an FM-AM Synthesizer with mobile (portrait & landscape) responsiveness.  
Link: <https://noodlesushi.github.io/FM-AM-Synth/>

## Education & Achievements

**Bachelor of Science in Computer Science, University of San Carlos, 2021 - Present**

**Consistent Dean's Lister**