XEIN DENIEL M. VIRGINES

🌐 xeind.net ✉ xd@xeind.net in linkedin.com/in/xeind ○ github.com/xeind 📞 639922369369

EXPERIENCES

Full-Stack Engineer | Pioneer Dev AI   Dec 2025 – Present
- Developed client-facing platform features for enterprise firm using React, TypeScript, and Remix, implementing data-intensive table interfaces with advanced search, filtering, and bulk operation capabilities
- Engineered reusable component architecture with state management, URL-based navigation persistence, and export functionality supporting multi-dimensional data filtering and visualization
- Delivered admin dashboard enhancements and user experience improvements through iterative stakeholder feedback cycles, optimizing interface responsiveness and interaction patterns
- Resolved production issues across component rendering, state synchronization, and performance optimization while maintaining code quality through systematic refactoring
- Collaborated with cross-functional teams to translate business requirements into technical specifications, delivering features aligned with client needs and platform scalability goals
- Owned frontend infrastructure for operator management system, establishing component patterns, state management conventions, and code quality standards adopted across the development team
- Coordinated in 4-person team ticketing and bi-weekly sprints to deliver features aligned with requirements

Full-Stack Developer – Intern | ChatGenie   Aug 2025 – Sep 2025
- Trained in advanced Gen AI prompting techniques, including chain-of-thought, multi-agent, and structured output
- Explored Azure AI services through guided workshops, gaining insight into model deployment and management
- Built GraphQL APIs in Ruby on Rails and integrated Vue.js components for AI-driven client workflows

Developer – Intern | Creative Dynamix Solutions, Inc.   Aug 2024 – Sep 2024
- Engineered finance module features in X++ (C#/SQL blend) within Microsoft Dynamics 365
- Resolved critical bug tickets and optimized custom modules, collaborating with co-interns to ensure alignment
- Streamlined workflows by automating address synchronization across forms and enforcing safe record deletion

SKILLS

Languages: TypeScript, JavaScript, Python, SQL
Frontend: React, Remix, Tailwind CSS, Radix UI
Backend: Node.js, PostgreSQL, Prisma, Redis, Fastify
Tools: Git, Docker, Nginx, AWS, Bash

PROJECTS

ATAX – Image Encryption Tool | TypeScript · Python · React · Docker   Jun 2024 – Dec 2024
- Built image encryption and decryption algorithms as our undergraduate thesis project
- Engineered a chaotic-map encryption scheme achieving high diffusion, randomness, and strong security
- Validated results with Entropy 7.9982, UACI 33.46%, NPCR 99.61%, Correlation -0.0008, and runtime of 21 ms
- Deployed via Docker on a self-hosted server, providing live access for end users

Forkeep – Photocard Dating App | TypeScript · React · Node.js · PostgreSQL · Prisma   Oct 2025
- Engineered swipe-based Photocard UI with 3D flip animations, drag gestures, and Motion for React spring physics
- Implemented bidirectional matching algorithm with mutual swipe detection and location-based discovery filters
- Designed normalized PostgreSQL schema with Prisma ORM featuring composite indexes and cascading deletes
- Developed RESTful APIs with JWT authentication, bcrypt hashing, and polling-based messaging system

Resume Builder – Built with Typst | TypeScript · React · Node.js · Typst   Aug 2025 – Sep 2025
- Built a full-stack resume builder with live SVG preview using React, Node.js, and Typst (LaTeX alternative)
- Designed a Chakra UI frontend with form-driven resume entry and multi-format exports (PDF, PNG, JPG)
- Integrated WebSocket communication to enable real-time synchronization between frontend and backend

EDUCATION

Polytechnic University of the Philippines – Manila   2021 – 2025
Bachelor of Science in Computer Science   Magna Cum Laude
DOST-SEI S&T Undergraduate Scholar (RA 7687)

Bataan National High School – Senior High School   2019 – 2021
Science, Technology, Engineering, and Mathematics (STEM)   With Highest Honors