Enrin Debbarma

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EDUCATION

The Pennsylvania State University, Capital College — Harrisburg, PA
Bachelor of Science in Computer Science — *Aug. 2021 – Dec 2025*

EXPERIENCE

Software Engineer — June 2025 – Present
Alervio Inc. — *Bridgewater, NJ*
- Built responsive PWA using React.js and Firebase for real-time restaurant risk analysis for enterprise restaurant clients
- Integrated AI chatbot using FastAPI, OpenAI GPT-4o, and Pinecone vector DB for personalized dietary safety guidance
- Led migration to TypeScript and Tailwind CSS and designed UI/UX in Figma, improving code maintainability and development efficiency by 40%

Software Engineer — June 2025 – Present
Life After Ostomy — *Harrisburg, PA*
- Developing e-commerce platform with Next.js, TypeScript, and Supabase, targeting 10,000+ ostomy community members
- Implemented secure payment processing with Stripe API, with planned integration of Shopify and Amazon APIs
- Built accessible, mobile-first UI using TypeScript and Tailwind CSS, achieving 98% accessibility score

IT Operations Specialist — Mar. 2024 – Oct. 2024
Penn State Harrisburg — *Harrisburg, PA*
- Resolved 50+ daily IT support tickets using ServiceNow, improving reliability for 5,000+ campus users
- Configured and maintained 200+ workstations and IoT devices, ensuring secure, continuous network connectivity

PROJECTS

NextStep | *React.js, Node.js, Express.js, React Native, MongoDB* — Nov. 2024 – Present
- Full-stack job matching platform with web (React.js) and mobile (React Native) interfaces
- Implemented secure authentication using JWT and bcrypt + Google OAuth 2.0 and integrated OpenAI GPT-4o for resume parsing and job recommendation
- Built Express.js backend with MongoDB Atlas and deployed via Vercel/Render with CI/CD workflows

GitMatch | *React (Vite), FastAPI, PostgreSQL* — May 2025 – Present
- Developer matchmaking platform using React (Vite) and FastAPI + PostgreSQL backend
- Built data ingestion pipeline with GitHub APIs capable of processing 1,000+ developer profiles
- Integrated Clerk authentication for secure user management and profile access

enrinjr.com | *React.js, JavaScript, AWS S3* — April 2025 – Present
- Responsive personal website with AWS S3 integration for authenticated uploads, averaging 15-20 daily visitors
- Implementing Spotify API integration for real-time music display with optimized performance

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, SQL, HTML, CSS
Frontend: React.js, Next.js, React Native, Tailwind CSS, Redux, NextAuth.js
Backend: Node.js, Express.js, FastAPI, Flask, PostgreSQL, Supabase, MongoDB Atlas, Firebase
Cloud & Tools: Vercel, Render, AWS, GCP, Jira, Git, GitHub, Figma, Vite, REST APIs, Postman, Jest

LEADERSHIP & ACTIVITIES

Global Entrepreneur Scholar — May 2025 – Present
Harrisburg Launchbox powered by Penn State — *Harrisburg, PA*
- Selected for competitive program and awarded $1,500 stipend for entrepreneurship and technology innovation

Global Ambassador — Jan. 2023 – Oct. 2023
Penn State Harrisburg — *Harrisburg, PA*
- Represented university at campus events, engaging 200+ prospective students in Arts and Culture