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 and launched a fully responsive platform as a PWA using React.js and Firebase, enabling real-time risk analysis and safe restaurant recommendations
- Integrated an AI chatbot with OpenAI GPT-4o and Pinecone (vector DB), delivering personalized dietary safety guidance directly within the platform
- Collaborated on UI/UX design in Figma and contributed across the full stack — from frontend architecture to backend functions and CI/CD pipelines — in a fast-paced startup environment

Software Engineer — June 2025 – Present
Life After Ostomy — *Harrisburg, PA*

- Developing a fully responsive, multi-page website with Next.js (TypeScript) and Supabase to support e-commerce and educational resources for the ostomy community
- Integrating Shopify, Amazon, and Stripe APIs to enable seamless product sales and secure payment processing
- Designing accessible, mobile-first UI using Tailwind CSS and shadcn/ui, optimized for performance and SEO
- Deployed multi-page responsive site using Vercel with custom GoDaddy domain and Supabase backend

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

- Developed a platform that matches users to tailored job opportunities based on their profiles and preferences
- Built a full-stack job matching platform with responsive web (React.js) and mobile (React Native) interfaces
- Engineered an Express.js backend with MongoDB Atlas and implemented secure Google OAuth 2.0 login
- Integrated OpenAI GPT-4o to parse resumes and evaluate job descriptions, generating match scores and personalized recommendations
- Deployed frontend via Vercel and backend via Render, enabling full-stack CI/CD workflows

aSpot - An Itinerary Maker | *Next.js (TypeScript), NextAuth.js, Google Maps API* — Feb. 2025 – Present

- Developed an AI-powered travel planner using Next.js and TypeScript to generate personalized, optimized itineraries
- Integrated Google Maps API for real-time location data and route planning
- Implemented secure user authentication with NextAuth.js and managed global state with Redux for seamless user experience

GitMatch | *React (Vite), FastAPI, PostgreSQL* — May 2025 – Present

- Built a full-stack developer matchmaking platform using React (Vite) and FastAPI + PostgreSQL backend
- Implemented secure authentication using bcrypt and JWT-based access control
- Developed a data ingestion pipeline integrating GitHub APIs to fetch and process profile data, enabling personalized developer recommendations

enrinjr.com | *React.js, JavaScript, HTML/CSS, AWS S3* — April 2025 – Present

- Designed and deployed a responsive personal website using React.js, HTML, and CSS, with dynamic UI effects built in vanilla JavaScript
- Integrated AWS S3 for authenticated image uploads, enabling developers to log in and update content directly
- Currently implementing Spotify API integration to sync and display the user's most-played song of the day
- Hosted on Vercel with custom domain configuration and CI/CD workflows

Technical Skills

Languages: JavaScript, TypeScript, Python, SQL, HTML, CSS
Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, React Native, Tailwind CSS, Redux, NextAuth.js, FastAPI
Databases: MongoDB Atlas, PostgreSQL (Supabase), Firebase
Cloud & DevOps: Vercel, Render, AWS S3, Supabase, Git, GitHub
Tools & APIs: Figma, JWT, OAuth 2.0, Google Maps API, Google Gemini API