

# Enrin Debbarma

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## EDUCATION

**The Pennsylvania State University, Capital College**

*Bachelor of Science in Computer Science*

Harrisburg, PA

Aug. 2021 – Dec 2025

## EXPERIENCE

**Software Engineer**

*Alervio Inc.*

June 2025 – Present

*Bridgewater, NJ*

- Built responsive PWA using React.js and Firebase, enabling SEO best practices
- Integrated an AI-driven feature using FastAPI, LLMs, and vector search technologies to enhance user experience
- Led frontend modernization with TypeScript and Tailwind CSS, contributed to UI/UX design in Figma, improving maintainability and productivity

**Software Engineer**

*Life After Ostomy*

June 2025 – Present

*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**

*Penn State Harrisburg*

Mar. 2024 – Oct. 2024

*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, Clerk, Vite, REST APIs, Postman, Jest

## LEADERSHIP & ACTIVITIES

**Global Entrepreneur Scholar**

*Harrisburg Launchbox powered by Penn State*

May 2025 – Present

*Harrisburg, PA*

- Selected for competitive program and awarded \$1,500 stipend for entrepreneurship and technology innovation

**Global Ambassador**

*Penn State Harrisburg*

Jan. 2023 – Oct. 2023

*Harrisburg, PA*

- Represented university at campus events, engaging 200+ prospective students in Arts and Culture