Anish Thapa Magar

⚲ Greater Cleveland Area, OH ✉ Anishthapaofficial@gmail.com ☎ +1 973 281 8821 in LinkedIn ⬡ GitHub

Education

Caldwell University *May 2025*
BS in Computer Science

- GPA: 3.80/4.0
- **Coursework:** Software Development Capstone, Programming I & II, Data Structures, Design & Analysis of Algorithms, Artificial Intelligence and Machine Learning, Networking & Communications, UI/UX and Human-Computer Interaction, Operating Systems, FullStack Web Development, Principles of Economics, Calculus I & II, Probability & Statistics

Skills

Technical Skills: Python, Java, JavaScript, TypeScript, C#, SQL, HTML/CSS, React, Node.js, Express.js, Next.js, Tailwind CSS, TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, Prompt Engineering, GitHub Copilot, Cursor
Tools and Platforms: Git, GitHub, MongoDB, Postman, JIRA, RESTful APIs, Google Cloud Platform (GCP), AWS
Soft Skills: Communication, Team Collaboration, Attention to Detail, Adaptability, Problem Solving, Time Management

Experience

Information Technology Intern *Newark, NJ*
PSEG *June 2024 – December 2024*

- Developed and deployed RESTful APIs using **MuleSoft**, increasing **deployment efficiency by 30%**
- Participated in all phases of **SDLC**, contributing to delivery of **5+ major features** across agile sprints
- Reviewed **40+ pull requests** with a team of **50+ developers**, improving code quality and **reducing bugs by 30%**
- Managed **200+ development and CI/CD support tickets** using ServiceNow, GitHub, and Jenkins
- Automated deployments via Jenkins pipelines, **reducing release time by 40%** and **environment errors by 90%.**

Technical Analyst/Programmer *Newark, NJ*
NJ Transit *January 2024 – May 2024*

- Designed web interfaces in **Figma** and developed them in **React and TypeScript**, cutting **development time by 50%**
- Created unit and integration tests using React Testing Library, Jest, and Cucumber, **increasing test coverage by 40%** and **improving system reliability by 25%**
- Leveraged JIRA for agile task management, issue tracking, and documentation, resulting in a **30% improvement in team efficiency** and a **20% increase in issue resolution speed**

Computer Science Research Assistant *Caldwell, NJ*
CogAI Lab — Link ⬈ *August 2023 – May 2024*

- Co-designed **TouchDev**, a touch-based mobile IDE aimed at improving mobile-based code editing accessibility
- Conducted usability tests with **10+** users and refined the interface based on feedback, **reducing development time by 25%**
- Presented research findings to an audience of **200+ attendees** at the Caldwell Research and Arts

Projects

Real-Time Multiplayer Card Game — Next.js, Firebase, JavaScript, Tailwind CSS *Link ⬈*

- Built a **responsive, 2-4 players gaming app** with features like bidding, dynamic scoring, and round finalization
- Implemented community features that allow players to create & join rooms, challenge friends, and manage friend requests
- Handled **real-time state management** and player interactions using Firebase Realtime Database
- Focused on both **frontend experience** and **backend logic** for a seamless, **full-stack multiplayer experience**

Professional Portfolio — Next.js, TypeScript, Tailwind CSS, EmailJS *Link ⬈*

- Designed and deployed a modern portfolio with **Framer Motion** animations, auto dark mode, and a dynamic timeline
- Integrated **EmailJS** to enable automatic form-based email sending

Full Stack To-Do Web App —HTML, CSS, JavaScript, RESTful API, Bcrypt *Link ⬈*

- Developed a full-stack task management app with user authentication and secure password storage via Bcrypt