Anish Thapa Magar

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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

Languages: Python, Java, JavaScript, TypeScript, HTML/CSS, C#, SQL
Tools and Frameworks & Libraries: React, Node.js, Express.js, Next.js, Tailwind CSS, TensorFlow, Pandas, NumPy
Tools and Platforms: Git, Firebase, MongoDB, Postman, Figma, Jenkins, ServiceNow, JIRA, RESTful APIs
Soft Skills: Communication, Team Collaboration, Analytical Thinking, Adaptability, Problem Solving, Time Management, Leadership

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 the full **Software Development Life Cycle**: requirements, design, implementation, testing, deployment
- Conducted code reviews with a cross-functional team of 50+ developers to ensure quality and consistency
- Utilized **ServiceNow** for ticketing workflows (CI/CD, Jenkins pipeline setup, GitHub repo management)
- Transitioned manual deployments to automated **CI/CD**, resolving release issues across environments

Technology Programmer/Analyst Intern   *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**, boosting test coverage and system reliability
- Leveraged **JIRA** for agile task management, issue tracking, and documentation, improving team efficiency and visibility

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, real-time multiplayer game** 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

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 task management app with user authentication and secure password storage via **Bcrypt**
- Built and consumed RESTful APIs to enable full CRUD functionality in JSON format
- Implemented intuitive features: one-click task completion, double-click unmarking for seamless UX