Anish Reddy Illuri

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Education

Fordham University   **Bronx, NY**
Bachelor of Science in Computer Science   *Aug. 2022 – May 2026*

Relevant Coursework: Discrete Structures I & II, Computer Science I & II, Database Systems, Data Communications & Networks, Calculus I, Data Mining, Basic Macroeconomics, **AT&T 2025 Technology Academy Alumni (June 2025)**

Technical Skills

Languages: HTML, CSS, JavaScript, C++, Python, SQL
Frameworks: Node.js, Express.js, Django, Flask
Libraries: React, Bootstrap, Tailwind
Databases: PostgreSQL, Firebase (Firestore)
Testing: Jest, Supertest
DevOps/Tools: Git, GitHub, GitHub Actions, Render, VS Code, REST APIs, WebSockets
Methodologies: Agile, Scrum
Certifications: Google Cybersecurity, Cisco Cybersecurity, Mastercard Cybersecurity

Experience

Junior Software Developer Intern   **May 2025 – Present**
Nomad Sports Inc. (Tennis Nomad)   *Remote*

- Contributed to a Fordham alumni-founded startup, co-developing backend architecture using Node.js, Express, and Firebase for user authentication, trip creation, and hotel booking.
- Designed secure Firestore schemas and implemented role-based access control using JWT and Firebase Auth.
- Wrote technical documentation and tested endpoints with Postman.

Software Engineering Intern   **June 2024 – Aug. 2024**
Software Labs LLC   *New York, NY*

- Improved app **load time by 35%** by implementing lazy loading and dynamic component imports using React.
- Increased backend **speed by 40%** by refactoring SQL queries and indexing PostgreSQL tables.
- Boosted CI stability by integrating ESLint and Prettier into the pipeline and writing tests with Jest/Supertest.

Software Engineering Intern   **June 2023 – Aug. 2023**
Sriven Info Inc.   *New York, NY*

- Developed responsive UIs with React and Tailwind CSS to improve cross-device user experience.
- Built RESTful APIs using Node.js and Express to support internal operations and automation tools.
- Reduced deployment **errors by 25%** by automating CI/CD workflows with GitHub Actions.

Projects

AI Code Detection Bot | *Python, Flask, Machine Learning, GitHub Actions, Render*

- Engineered an automated detection system **achieving 85% accuracy** in identifying AI-generated code using supervised learning.
- Implemented feature engineering pipeline **analyzing 16+ characteristics**, including indentation depth, variable naming heuristics, and comment density.
- Built a full-stack solution with a Flask REST API, responsive web interface, GitHub Actions CI/CD, and deployed it to cloud infrastructure.

Asteroid Blaster – Personal Project | *JavaScript, HTML5 Canvas, CSS Grid, GitHub Pages*

- Developed a fully functional space defense game with 60-second rounds and progressive difficulty using object-oriented JavaScript and real-time collision detection on HTML5 Canvas.
- Achieved mobile responsiveness and cross-platform compatibility by implementing adaptive canvas scaling, responsive CSS Grid, and touch control systems.
- Deployed and published the interactive game using GitHub Pages, CI/CD workflow, and static site optimization techniques.

AI Mental Health Bot | *Python, Flask, React, PostgreSQL, OpenAI*

- Developed a full-stack AI chatbot using OpenAI GPT-3.5-turbo for mental health support and CBT exercises.
- Built Flask REST API with PostgreSQL for mood tracking and journaling; deployed via Render.
- Implemented a TypeScript React frontend with mood graphs and real-time chat.