Anoop Vasist Navile Anandkumar

New York | avnawork@gmail.com | +1 (347) 652-9844 | Portfolio | linkedin.com/in/anoopvasistna

Education

New York University (Tandon School of Engineering) — Sep 2025 – Present
MS in Computer Science (GPA: 3.45/4.0)
> Relevant Coursework: Design and Analysis of Algorithms, Computer Vision, Information Visualization, Software Engineering, Interactive Computer Graphics, Big Data

RNS Institute of Technology (Affiliated to Visvesvaraya Technological University) — Dec 2021 – May 2025
BE in Computer Science and Engineering (GPA: 3.95/4.0)
- Consistently ranked in the top 10 and awarded three academic excellence medals.

Experience

HashedIn by Deloitte – Bengaluru, India
Software Development Engineer — May 2025 – Jul 2025
Software Development Engineer Intern — Feb 2025 – Apr 2025
- Built scalable full-stack features with Angular, Spring Boot, .NET Core and developed RESTful APIs.
- Implemented secure backend systems using JWT authentication, RBAC, and Docker; set up CI/CD pipelines and contributed through Agile sprints, code reviews, unit testing, and production deployments.
- Collaborated in a 5-member team to modernize the company's assessment/testing platform by refactoring core modules, redesigning UI/UX, and improving processing time by 30%, while integrating LLM-based question generation, voice-to-text analysis, and automated counter-question evaluation for interview and exam workflows.

Mind Path Innovations Pvt. Ltd – Bengaluru, India — Jul 2024 – Dec 2024
Software Development Intern
- Developed dynamic full-stack web applications using HTML, Django, and MySQL for internal management systems; designed REST APIs with CRUD operations, authentication, and session management.

Projects

Street View Geolocation Prediction — Nov 2025 - Dec 2025
- Predicted U.S. state and GPS coordinates from 263,920 panoramic images using a transformer-based multi-view deep learning pipeline; applied feature fusion, multi-task loss, and model ensembling to achieve a 0.943 Kaggle score.
- Applied data augmentation, transfer learning, and hyperparameter tuning to improve generalization.
- Tools: Python, PyTorch, Transformers, OpenCV

Job Prep — Sep 2024 – Nov 2024
- Built a full-stack AI-powered interview preparation platform with NLP-based resume parsing and integrated LLM APIs for personalized behavioral and technical mock interviews.
- Designed secure RESTful backend with Django, token-based authentication, and session handling. Dynamic UI with React hooks, animations, and responsive design. Stored and processed user analytics using MySQL, enabling performance tracking.
- Tools: React, Django, REST, MySQL, Large Language Models (LLMs)

Gourmet Vision — May 2024 – Jul 2024
- Built a CNN-based food image classification system with a full-stack web app for image upload, prediction, and automated PDF recipe generation, achieving 91% accuracy.
- Preprocessed images using OpenCV, augmentation, normalization
- Tools: Python, HTML, CSS, JS

Skills

Core Competencies: Data Structures & Algorithms, Object-Oriented Programming (OOP), Databases, Operating Systems, Web application development, Computer Networks
Languages: Python, C, C++, Java, JavaScript, SQL
Tools and Frameworks: Django, Spring Boot, .NET, REST, React, Pandas, NumPy, TensorFlow, OpenCV

Leadership

Social Media Head - Aikya (Collaborative student initiative). Conducted hands-on workshops and mentored 50+ students in web development and data science.