

# Sunny Kumar

Software Engineer | sunny9102003kumar@gmail.com | 646-492-9744 | [LinkedIn](#) | [Github](#)

## EDUCATION

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**Adelphi University**

**Garden City, NY**

*Bachelor of Science | Computer Science*

*May 2025*

- **Relevant Coursework:** Algorithms and Complexity, Data Structures, Operating Systems Practicum, Cloud Computing, Web Development, C and C++ programming, Database Management Systems, Computer Architecture and Organization

## PERSONAL PROJECTS

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**Personal Portfolio** | [Portfolio](#) | React, HTML/CSS, JavaScript

- Incorporated JavaScript to add interactivity, enabling features like smooth scrolling, contact form, and interactive components.
- Portfolio is designed with a mobile-first approach, ensuring it looks and functions seamlessly on different devices and screen sizes.
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**E-Commerce Search Filter** | React, HTML/CSS, JavaScript

- Enable real-time product filtering, allowing users to refine their search results based on various criteria such as price, category, and ratings, enhancing the overall shopping experience.

**Social Media Web App** | React, HTML/CSS, JavaScript, TypeScript, FireBase

- Allows users to register, log in, and create posts using Google Firebase authentication.
- Implemented Firebase Auth for Google sign-in and Firestore for realtime post database.
- Created functionality for users to like and dislike posts and update counts in realtime.

**Virtual Chat App** | React, JavaScript, Agora

- Virtual Communication App with real-time audio, and video capabilities.
- Integrated the Agora SDK into the web app, enabling high-quality audio and video communication between users.

**Wildfire Tracker** | React, JavaScript, HTML/CSS, GoogleMap API, NASA EONET API

- Developed a web application to visualize and track wildfires using Google Maps API and NASA EONET API.
- Retrieved real-time wildfire data from NASA EONET API and plotted fire locations on an interactive Google Map to enable tracking of active wildfires.

## TECHNICAL SKILLS

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- **Languages:** Java • JavaScript • JQuery • HTML/CSS • Python • C/C++ • Scheme • Prolog • TypeScript • SQL
- **Frameworks/Libraries:** React • Bootstrap • Tailwind
- **Developer Tools:** VS Code • IntelliJ • BlueJ • Git/GitHub • IDLE
- **Operating Systems:** Linux

