

# Sai Aneesh Gangishetty

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## EDUCATION

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**RUTGERS UNIVERSITY** New Brunswick, NJ

*Expected Graduation Year: 2025*

*Bachelor of Science in Computer Science*

**GPA: 3.88**

**Relevant Courses:** Introduction to Computer Science, Principles of Computer Science, Data Structures and Algorithms, Introduction to Data Science, Linear Algebra, Discrete Structures I, Discrete Structures II, Data Management for Data science, Computer Architecture

**Extracurriculars:** Rutgers Mobile App Development Club, Rutgers Undergraduate Student Alliance of Computer Scientists, Rutgers Competitive Programming, and Rutgers Institute of Electrical and Electronics Engineers

## EXPERIENCE

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### WEB DEVELOPER

**Plainsboro, NJ**

*NRIVA*

*Jun – Aug 2023*

- Collaborated with web content editors to facilitate website maintenance.
- Worked closely with back-end developers to troubleshoot and resolve coding issues.
- Completed programming projects complying with existing coding standards and design styles.
- Performed and directed website updates according to superiors and fellow developers.

### WEB TESTER

**Plainsboro, NJ**

*NRIVA*

*Mar – Jun 2023*

- Identified, analyzed, and documented problems with program function, output, online screen, and content.
- Collaborated with field staff and customers to evaluate and diagnose problems and recommended solutions.
- Performed initial debugging procedures by reviewing configuration files, logs, and code pieces to determine breakdown source. Provided feedback and recommendations to developers on software usability and functionality.
- Designed test plans, scenarios, scripts, and procedures.

## PROJECTS

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**Portfolio Website** - <https://saigportfolio.netlify.app/>

- Used ReactJS, Bootstrap and numerous libraries to creatively showcase projects, skills, and resume.

**YouTube Clone (Rapid API, ReactJS, Routing, MUI, UI/UX)**

- Led the end-to-end development of a modern YouTube clone application using React JS and Material UI 5, showcasing proficiency in front-end and user interface design.
- Successfully integrated RapidAPI services to enable essential features such as video searching, user authentication, and video playback, enhancing the application's functionality and user experience.
- Implemented performance optimization techniques to ensure the application's scalability, resulting in smooth video streaming and responsive user interactions.
- Demonstrated strong project management skills while working independently on all aspects of the YouTube clone application, from development to deployment, ensuring project milestones were met efficiently.
- Prioritized user-centric design principles to create an intuitive and visually appealing interface, resulting in positive feedback from users and improved engagement metrics.

**Attendance Verifier Using Facial Recognition (Python, OpenCV)**

- Used Python and OpenCV to create dimensional differentiating software for facial recognition.
- Developed algorithm utilizing 128 different dimensions and facial features to distinguish faces.
- Usable to record attendance of class without calling names or sacrificing meeting time.
- Organized names and times of recording in a CSV file for convenient access.

**Public Real-Time Chat App (Firebase: Google login & database management, ReactJS)**

- Utilized Firebase Authentication to enable user registration, login, and secure access to chat.
- Integrated Firebase's real-time database, authentication services to enable seamless communication between users.
- Employed Firebase's Firestore to store, retrieve chat messages in real time, ensuring efficient data synchronization.
- Implemented responsive and user-friendly UI design for optimal user experience across devices.

## CERTIFICATIONS/SKILLS

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**Certifications:** AWS Cloud Practitioner

**Technical skills:** Java, Python, React.js/Native, C, C#, C++, Angular, JavaScript, TypeScript, HTML/CSS, R, SQL

**Work Skills:** Expertise in programming & coding, solution design, project management, and software development/testing