

RUCHITRA KUMARESAN

New Jersey | 201-889-7904 | ruchitrak98@gmail.com | [Linkedin](#) | [Portfolio](#).

OBJECTIVE

Proficient in front-end development, UX/UI design, and Android application development. Passionate about creating efficient, scalable, and user-focused software solutions. Seeking an internship opportunity to apply my technical skills and contribute to innovative projects in a collaborative environment.

PROFESSIONAL EXPERIENCE

Lernov, Web Development, Bangalore, India.

July 2021 - Aug 2021

- Specialized in delivering customized web development solutions, emphasizing the creation of efficient, scalable, and automated codebases using tools like Sublime Text.
- Developed fully functional websites tailored to client specifications, ensuring seamless web layouts and enhanced user engagement. Collaborated with cross-functional teams to implement scalable solutions and improve development workflows.

Sain Solutions, Website Developer, Bangalore, India.

Feb 2020 - May 2021

- Focused on providing tailored web development and design solutions, particularly for retail clients, by creating efficient and organized codebases.
 - Successfully developed scalable websites as per client needs, enhancing user engagement through visually appealing interfaces and optimized performance. Leveraged Google Ads and analytic tools to improve digital marketing strategies and drive user traffic.
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VOLUNTEER EXPERIENCE

9/11 Memorial & Museum, Retail Greeter Volunteer, New York.

Jan 2025 - Present

- Greeting visitors, providing guidance on museum resources, fostering meaningful guest interactions, and sharing the stories behind each exhibit that symbolizes the events of the 9/11 attack to ensure a respectful and enriching experience.

UPchieve, Computer Science Tutor (Volunteer), New York.

September 2024 - Present

- Provided guidance and academic support to students with applications and essay writing for admission purposes.
 - Assisted students in computer science principles like data, algorithms & programming, computer system to enhance their understanding and skills, Collaborated with students to develop personalized strategies for their academic success.
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EDUCATION

New York Institute of Technology, New York.

May 2024

Master of Science in Computer Science.

Manhattan, New York

REVA University, Bangalore, India.

May 2020

Bachelor of Technology in Computer Science.

Bangalore, India

PROJECT

GiftGenie - Personalized Gift Suggestion Platform.

Developed Gift Genie, an interactive web app using HTML, CSS, and JavaScript, offering personalized gift suggestions based on occasions or personality quizzes, with a responsive design for seamless user experience.

Computer Graphics, New York Institute of Technology, New York.

Jan 2024 - May 2024

Developed a real-time 3D rendering engine in C++ using GPU programming, leveraging vertex and fragment shades with OpenGL/DirectX to optimize performance and scalability for high-resolution graphics and complex scenes.

SKILLS

- **Programming Languages & Concepts :** HTML, CSS, JavaScript, C++, C, C#, Python, Object-Oriented Programming, Problem Solving, Web Development, Software Development.
 - **Framework Tools & Software Platforms :** React.js, Angular, GitHub, Visual Studio Code, Figma, Adobe Photoshop, Microsoft Office (Excel, PowerPoint).
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CERTIFICATIONS

- Google - Foundation to User Experience (UX) Design, [Coursera](#)
 - Front-end beginner, [Sololearn](#)
 - Goldman Sachs – Software Engineering, [Forage](#)
 - Figma: From Design to CSS Implementation, [Linkedin](#)
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ACHIEVEMENTS

Research Paper, International Conference, REVA University, Bangalore.

May 2020

Attended conference to display my project and research paper in Advance in Computing and Information Technology (IACIT-2020), conducted and organized by REVA University.