

RUCHITRA KUMARESAN

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OBJECTIVE

Creative and detail-oriented UI/UX Designer with expertise in Figma, Adobe Photoshop, and a solid understanding of web technologies, including JavaScript and Angular. Proven ability to design user-centric websites, e-commerce platforms, and web app dashboards, emphasizing functionality and aesthetics. I am passionate about innovation, continuous learning, and digital experiences.

PROFESSIONAL EXPERIENCE

Lernov, Web Development, Bangalore, India.

July 2021 - Aug 2021

- Specialized in delivering customized web development solutions, emphasizing the creation of efficient, problem solving and organized code bases using tools like Sublime Text.
- Developing fully functional websites tailored to client specifications contributed to seamless web layouts and enhanced project outcomes.

Sain Solutions, Website Developer, Bangalore, India.

Feb 2020 - May 2021

- Focused on providing tailored web development and designing, particularly for retail clients, by creating efficient and organized code bases using tools like Sublime Text.
 - Successfully developed fully functional websites as per to client needs, enhancing user engagement through visually appealing interfaces and leveraging coding techniques to deliver seamless layouts and improved digital experiences.
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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 systems & networks 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

ACADEMIC PROJECT

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

Jan 2024 - May 2024

Developed a real-time interactive texturing demo in C++ with GPU programming, leveraging vertex and fragment shades to project textures onto 3D objects with optimized performance and realistic rendering using OpenGL/DirectX.

Product Recommendation, New York Institute of Technology, New York.

Sept 2023 - Dec 2023

Developed personalized product recommendations using collaborative filtering techniques, rank-based, and model-based approaches with singular value decomposition and sparse matrix compression for accurate predictions.

TECHNICAL SKILLS

- Programming Languages:** HTML, CSS, JavaScript, C++, C, C#, Python
 - Frameworks & Tools:** React.js, Angular, Git, GitHub, Visual Studio Code, Figma
 - Software & Platforms:** Adobe Photoshop, Microsoft Office (Excel, PowerPoint)
 - Concepts:** Object-Oriented Programming, Problem Solving, Web Development
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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 the School of Computing & Information Technology, REVA University.