Rahul Anand Nayanegali

Jersey City, NJ | rahulanand.nayanegali@pace.edu | 551-399-9002 | linkedin.com/in/rahulnayanegali| github.com/rahulnayanegali

EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems　　　　New York, NY
Master of Science in Computer Science | **GPA**: 4.0 | **Concentration**: Full Stack, Cloud Services, and Deep Learning　　May 2024

Sri Siddhartha Institute of Technology　　　　Tumkur, India
Bachelor of Engineering in Electronics and Communication Engineering | **GPA**: 7.4　　Sep 2018

TECHNICAL SKILLS / CERTIFICATIONS

Web Development: JavaScript, React, Next.js, Node.js, HTML, CSS
Programming Languages / Database Management: Java, Python, MYSQL, PostgreSQL, MongoDB
Software / Tools: Git, GitHub, GitLab, JIRA,
Certifications: **AWS Certified Cloud Practitioner** March 2022, **Master JavaScript** – LinkedIn Learning Oct 2023

EXPERIENCE

Pace University　　　　New York, NY
Teaching Assistantships (TA)　　Oct 2023 – Present
- Collaborated in course material development, enabling effective instruction; evaluated assignments, providing valuable feedback for improvement.

Aquila Test　　　　Hyderabad, India
Front End Lead (Freelance), XPath Chrome Extension Project　　July 2023 – Present
- Independently conceived, designed, and developed a Chrome side panel extension from scratch, implementing generation6 of absolute XPaths and appropriate labels of clicked HTML elements on an active tab.
- Implemented Background and Content scripts to utilize chrome APIs for executing JavaScript functions on active tabs.
- Incorporated Chakra UI to build UI for managing plugin's state, seamless UX for generating relative XPaths from API.

CodeCraft Technologies　　　　Bangalore, India
Engineer, Web Development　　February 2021 – January 2023
- Developed reusable UI components using React, Redux, and TypeScript for a video streaming app JioCinema to enhance development efficiency and consistency, leading to a 20% reduction in development times and improved user experiences.
- Implemented server-side rendering, lazy loading, and code splitting, reducing load times, and enhancing page rendering.
- Transformed outdated client project code into a modern, efficient, and maintainable system, incorporating the latest ECMA script features while preserving critical functionality.
- Conducted code reviews and mentoring junior developers in React development practices.

Tata Consultancy Services　　　　Bangalore, India
Assistant Software Engineer　　November 2018 – May 2020
- Built responsive mobile first modules for an insurance web app using semantic HTML5, JavaScript, ReactJS, and SCSS compiled using Babel and Webpack build tools.
- Successfully applied the Airbnb JavaScript style guide across the entire codebase, ensuring uniformity in coding standards, enhancing code readability, and promoting best practices for the development team.

ACADEMIC PROJECTS / PERSONAL PROJECTS

Sorting Algorithms Simulation: React, Spring Boot, Sorting Algorithms　　Feb 2023 – May 2022
- Developed a server-side Java application with Spring Boot to expose RESTful APIs for various sorting algorithms.
- Created a React app for real-time visualization of sorting processes using Server-Sent Events (SSE) for live updates.

MedXrayAI: Python, TensorFlow, Pandas, NumPy, React, Node.js　　July 2023 – Present
- Building a deep learning model to analyze and generate findings for an x-ray analyzer web app using extensive training data.

LEADERSHIP / VOLUNTEER

IEEE (Institute of Electrical and Electronics Engineers), Chairman, Hub Lead and Vice Chairman　　January 2016 – June 2018
- Revived two dormant IEEE student branches by initiating memberships, organizing technical events, and securing funds and support.
- Awarded the Outstanding Student Volunteer Award by IEEE Bangalore Section in January 2018.