

Rahul Pothirendi

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[Pothirendirahul](#) [Pothirendirahul](#)

Education

Northeastern University

Expected May 2025

Masters of Science in Software Engineering Systems

Boston, Massachusetts

- **Relevant Coursework:** Object Oriented Design, Problem Solving Algorithms(Java), Web Development, Data Management and Data Designing

Srm University

May 2023

Bachelors of Technology in Electronics and Communication Engineering

Chennai, India

- **Relevant Coursework:** Digital Signal Processing, Computer Architecture ,Problem Solving Algorithms(Java), Python and Scientific Python, Network Structures, Wireless Communications

Technical Skills

Languages: C/C++,Python, JavaScript/TypeScript, HTML5/CSS, MongoDB, Assembly Language, SQL, NodeJS, Express JS, Data Structures and Algorithms, Verilog

Technologies: React.js, Vue.js, Spring Boot, TensorFlow, PyTorch, jQuery, Bootstrap, Laravel, Flask, ASP.NET, Node.js

Frameworks: React, Flask, JUnit, Material-UI, FastAPI

Libraries:Pandas, NumPy, Matplotlib

Tools: Git/GitHub, Unix Shell, Webpack, Azure, Atom, Visual Studio

Soft Skills:Problem Solving, Communication, Collaboration

DevOps:Docker, Kubernetes

Projects

StreamIT | *React.js, Material.UI, Html, Css*

February 2024

- Engineered a captivating YouTube emulation application, leveraging cutting-edge technologies including HTML, CSS, ReactJS, and JavaScript, to craft a seamless and immersive user experience.
- Harnessing the power of the YouTube API, dynamically curated and presented clone-related videos, augmenting user engagement and fostering prolonged user interactions.
- Implemented an array of advanced functionalities, including real-time video recommendations, robust user interaction tracking mechanisms, and tailored content delivery systems, enriching the application's interactivity and allure.
- Live Link **StreamIT**.

Snap-Gram | *Next.js, Tailwind CSS, React, AppWrite Typescript, Html, Css*

December 2023

- Utilized NextJS with TypeScript to build a responsive and performant user interface. Employed modular components and state management to ensure a smooth and interactive user experience.
- Leveraged Next.js for server-side rendering to enhance application performance and SEO capabilities, resulting in faster page loads and improved search engine visibility.
- Implemented user authentication and authorization functionalities seamlessly utilizing AppWrite
- Live Link: **Click here to visit SnapGram**

Fitness Application | *HTML5, CSS3, JavaScript, Vue.js, JavaSpringboot*

December 2023

- Masterfully crafted a user-centric interface using the latest in web technologies, including HTML5, CSS3, and JavaScript, to ensure an intuitive and visually captivating design.
- Implemented Vue.js, a progressive JavaScript framework, to introduce dynamic and interactive components, thereby elevating user engagement and satisfaction to unprecedented levels.
- Employed the powerful JavaSpringboot framework to develop a robust backend infrastructure, meticulously handling crucial functionalities such as efficient retrieval mechanisms, ensuring optimal performance and security standards.
- Live Link: **Click here to visit Github**

Certifications

Google Digital Certification

Dec 2020

Data Science Tools Credly Link

Oct 2021