

SURYAANSH RATHINAM

+919619514015 ◇ Mumbai, India

suryaansh2002@gmail.com ◇ [linkedin.com/in/suryaanshrathinam](https://www.linkedin.com/in/suryaanshrathinam) ◇ suryaanshrathinam.com

EDUCATION

Bachelors of Technology, Computer Science Engineering, MIT, Manipal, India 2020-2024
Relevant Coursework: Operating Systems, Computer Networks, Software Engineerings, Data Structures, Algorithms, Database Systems

SKILLS

Programming Languages	Python, C, C++, Java, Javascript, Typescript, React, Node
Database Systems	MongoDB, MySQL, Redis, Postgres
Other Technologies	AWS, Firebase, Git, Docker, Selenium, Django, NestJS, FastAPI

EXPERIENCE

Research Intern Jun 2023 - Aug 2023
Indian Institute of Technology, Kharagpur *Remote*

- Prepared a dataset of medical ultrasound images and pre-processed the input data to obtain clean input images.
- Built a U-Net deep learning model to perform image segmentation on the same.
- Obtained a testing accuracy of 99.29% and presented my results for the project.

Full Stack Developer Mar 2023 - Present
Moneyflo *Remote*

- Utilized with NextJS, Firebase on client side and used NestJS, FastAPI to make endpoints for the application.
- AWS: S3, Lambda and EC2 were used, to store and process large quantities of client data
- Provided clients with insights regarding their Ecommerce sales, allowing them to make informed decisions.
- Built an AI assistant backed on OpenAI and integrated it with the existing platform to allow clients to gain better insights on their data.

Software Engineering Intern May 2022 - Aug 2022
Ridecell *Remote*

- Worked as a part of the QA and automation team working on both API and Mobile Testing.
- Worked primarily using Python, Selenium, Pytest, and Appium to ensure smooth functioning of the API endpoints and Mobile App.

PROJECTS

PsychUp. Led a team of four in building a MERN Stack Platform to boost mental health awareness, focusing on efficient REST API endpoints, intuitive UI, and incorporating a comprehensive Myers Briggs Type Indicator-based Personality Assessment Test. ([Try it here](#))

Web Scraping and Automation Tool Built a tool using Selenium and Python to automate the process of data collection and formatting from the university portal, earlier done manually by professors across the university.

Revels 2023 Led a 10-member team in developing a MERN stack web app for the institute's cultural fest, serving 8000+ users with registration, participation, scoring, judging, and ticketing features.

EXTRA-CURRICULAR AND LEADERSHIP ACTIVITIES

- Led university's Open-Source Society as Technical Head, orchestrating technical initiatives, organizing events to promote awareness regarding open-source, and mentoring junior members to enhance skill sets.
- Shortlisted for Stanford University's prestigious Treehacks hackathon.