

Samyukthaa Ramakrishnan

Full Stack Web & Automation Engineer

Versatile **Full Stack Developer** experienced in building responsive, scalable web and mobile apps with **React.js, Node.js, Express, Firebase, and MongoDB**. Bringing **3 years of automation testing** expertise with Selenium, Cucumber, and Postman to ensure high-quality releases. Currently developing **PLATEP** (meal kit delivery) and **RockPaper Runway** (agency platform).



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SKILLS

FrontEnd: React.js,
JavaScript (ES6+),
HTML5, CSS3, Vite,
Tailwind CSS, CSS
Modules

Backend: Node.js,
Express.js, CORS, REST

Databases: Firebase
Firestore, MongoDB,
MySQL

Testing & QA: Selenium,
Cucumber, Postman,
Appium, Jest

Tools & Platforms: Git,
GitHub, JIRA, CI/CD,
DigitalOcean

Programming
Languages: JavaScript,
Java, Python, SQL, C++

Others: REST API
Development,
Authentication (Firebase
Auth), API Integration,
Agile Methodology

LANGUAGES

English
Full Professional Proficiency

German
Elementary Proficiency

EDUCATION

Masters in Computer Science

IUBH International University of Applied Sciences

04/2024 - Present

Berlin

B.Tech in Computer Science

SASTRA University, Tanjore, India

07/2016 - 05/2020

FULL STACK DEVELOPMENT PROJECTS

PLATEP – Meal Kit Delivery & 30-Day Meal Plan Web Application + Mobile App

- Built a responsive React-based platform with **Node.js + Express backend** and **Firebase Firestore** for real-time data storage.
- Features include multi-step navigation for plan selection, recipe selection, secure checkout with **Razorpay payment gateway**, and **Google Sign-In authentication**.
- Implemented a **30-day subscription-based meal plan system** with recurring payment integration.
- Stored user data, order history, and delivery details in Firebase, enabling personalized order tracking.
- Optimized React component structure for scalability and reusability.
- Styled the frontend using **Tailwind CSS** and **Bootstrap** for a modern, responsive UI.
- Currently developing the **PLATEP mobile application** for **iOS and Android** using a cross-platform framework to extend web features to mobile users.
- Deployed to **DigitalOcean** with backend API hosting and frontend build optimization via Vite.
- Website : <https://www.platep.com/>

RockPaper Runway – E-Commerce Platform

- Developed a comprehensive agency platform offering **end-to-end services** including marketing, website development, automation, branding, and promotional campaign management. Designed with **Tailwind CSS**, incorporating custom animations and reusable components for consistent branding.
- Built the website using **React.js, Node.js, Express, and Firebase**, with a responsive, modern UI for service showcases and client onboarding.
- Integrated modules for service inquiries, project tracking, automated client communication, and portfolio display.
- Implemented content management features enabling the team to update service offerings, case studies, and marketing materials without code changes.
- Website: <https://www.rockpaperrunway.com/>

Skin Decoder - Personalized Skincare Scheduling Platform (Masters Project)

- Developed a React web application with **Node.js + Express backend** and **MongoDB Atlas**.
- Implemented personalized skincare routines based on user input and automated schedule generation.
- Added weekly reminder notifications and progress tracking.

NomNova – Personalized Recipe Recommendations (Masters Project)

- Built a React + Node.js platform with **MongoDB Atlas** to recommend recipes based on dietary preferences.
- Used Agile methodology for iterative development and incorporated user feedback for feature improvements.

WORK EXPERIENCE

Werkstudent – Tester

European Computer Telecoms, Munich, Germany

11/2024 - Present

Munich

Test Engineer

Indium Software

01/2022 - 02/2023

Chennai, India