

RUCHITA MAKWANA

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SUMMARY

Results-driven Full Stack and Frontend Developer with 4+ years of experience building scalable web applications and user-centric solutions. Skilled in JavaScript, React.js, Node.js, Angular, UX/UI design, and backend API development. Adept at cross-functional collaboration, Agile methodologies, and delivering projects that exceed user expectations. Passionate about optimizing performance, improving UX, and leveraging modern tech stacks.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, Python, Java, HTML5, CSS3, SASS
- **Frontend:** React.js, Angular, Bootstrap, Redux, jQuery, Figma, Responsive Design, AJAX
- **Backend:** Node.js, Express.js, Java Spring Boot, Flask, RESTful APIs, Microservices
- **Databases:** MongoDB, MySQL, PostgreSQL, Firebase, NoSQL
- **Tools & Platforms:** Docker, GCP, Postman, Git, JIRA, Linux, Webpack, Agile, SDLC

CERTIFICATIONS

- Google UX Design Specialization - Google (May 2024)
- Full Stack Web Development with React - Coursera (Jan 2023)
- Full Stack Web Development with Angular - Coursera (Feb 2019)

EDUCATION

Master of Science in Computer Science Aug 2021 - May 2023
State University of New York at Binghamton

Bachelor of Engineering in Information Technology Aug 2014 - Jul 2018
K.J. Somaiya Institute of Engineering and Information Technology

WORK EXPERIENCE

Full Stack Developer Aug 2023 - Dec 2024
SUNY at Binghamton California, USA

- Architected an online attendance and reporting platform using React.js, Figma, Flask for UI, and MongoDB on Google Cloud Platform
- Led user research and usability testing to identify UX pain points, enhancing interaction flow and reducing manual tasks
- Automated tracking processes, improving data accuracy and increasing efficiency by 40%
- Developed RESTful APIs for scalable, secure, and fast data handling

Full Stack Developer (Internship) Jan 2022 - May 2022
Global Health Impact Project New York, USA

- Automated Excel-to-MySQL data migration using Java Spring Boot and React.js, reducing manual entry by 30%
- Built a responsive, data-driven web solution for drug and disease information management using Python
- Introduced a PowerShell setup tool to ease onboarding for both developers and non-technical users
- Improved frontend UI/UX using Bootstrap and backend logic using Node.js

Application Developer Analyst
Accenture

Aug 2018 - Jul 2021
Mumbai, India

- Developed and maintained 60+ reusable UI components and templates using HTML5, CSS3, Bootstrap, JavaScript, and jQuery
 - Delivered a modular, scalable testing automation tool using Angular 8, enhancing developer productivity
 - Resolved Angular bugs rapidly, ensuring smooth deployment and consistent UI performance
 - Worked in Agile teams applying SDLC practices to deliver enterprise-grade software
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PROJECT EXPERIENCE

Food Review Web App

Aug 2022 - May 2023

- Built a full-stack MERN application with Redux, MongoDB, and Node.js to allow users to rate and review food, implementing REST APIs and responsive UI design.

OCR for Handwritten Digits

May 2022 - Jul 2022

- Developed an OCR web app using KNN, achieving 93% accuracy via TDD and implementing a UI using React, Redux, TypeScript.

Obesity Analysis Dashboard

Aug 2021 - Dec 2021

- Created an interactive data visualization platform using MongoDB aggregation pipeline and Node.js to assess health trends.
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PUBLICATION

Resume Refinement System Using Semantic Analysis

Mar 2018

International Journal of Innovative Science and Research Technology

- Developed a resume analysis web app using NLP and Python, enhancing recruiter efficiency.
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AWARDS & LEADERSHIP

- Smart India Hackathon (2017)
- Creative Team - Alumni Committee (2016-2017)
- Joint Creative Head - Student Council (2016)