

Dakshal Panicker

dakshal29@gmail.com • [linkedin.com/in/dakshalp](https://www.linkedin.com/in/dakshalp) • (732) 604-7632 • dakshal.com

EDUCATION

Rutgers University New Brunswick

New Brunswick, NJ

Bachelor of Science in Computer Science | Minor in Data Science

May 2024

GPA: 4.0/4.0

Honors: SAS Excellence Award for Academic Achievement; Dean's list, all semesters

Relevant Coursework: Data Structures, Software Methodology, Programming Principles, Databases: SQL/NoSQL

SKILLS & CERTIFICATIONS

Frontend: JavaScript, TypeScript, React.js, Next.js, HTML/CSS, Sass | **Backend:** Node.js, Python, REST APIs, Firebase, Linux, AWS | **Databases:** PostgreSQL, MySQL, MongoDB, GraphQL | **OOP:** Java, C# | **Data Science:** R, TensorFlow

AWS Certified Cloud Practitioner (Sep 2023 - Sep 2026)

WORK EXPERIENCE

3S Technologies LLC

Remote

Full-Stack Software Development Intern

Sep 2021 – Dec 2022

- Led the development of 25+ React components for rfpQuick, a document-generation tool and managed user data with Node.js and Firebase
- Built an internal dashboard to help organize 1000+ medical devices at STERIS, a global health-tech company
- Replaced JavaScript based search with SQL scripts, enabling 10x faster search capability for the dashboard, while connected to a database hosted on AWS
- Focused on user experience and accessibility through compatibility with 3 different screen readers
- Collaborated with a global team of developers, testers, and product managers while using GitHub for version control
- **Technology Stack:** React, HTML/CSS, Node.js, Python, MySQL, AWS

Rutgers Institute of Electrical and Electronics Engineers

New Brunswick, NJ

Coding Workshop Instructor

Oct 2020 – Apr 2021

- Led 3 different workshops for 30 attendees on advanced programming concepts
- Taught 8 different programming languages and developer tools, including JavaScript, C#, Unity, and Arduino
- Guided participants in building a performant chat application from scratch using WebSockets in JavaScript

North Brunswick Board of Education

North Brunswick, NJ

Student Technician

Mar 2020 – Jun 2020

- Maintained software for 30+ workstations used by 90+ students and staff members
- Collaborated with STEM instructors to recommend new software, such as VS Code and Unity, for coursework
- Leveraged software development expertise to incorporate programs into two courses with over 40 students and assisted students with technical questions

PROJECT SHOWCASE

Chronicle

chronicle.dakshal.com

TypeScript, Next.js, React.js, Node.js, PostgreSQL

- Created a convenient time-tracking tool used by 15+ volunteer teachers to log contributed hours
- Designed a custom schema to store users and statistical data in a serverless PostgreSQL database
- Implemented modern front-end practices, such as Server Side Rendering, via Next.js—a React framework