

# Abhin Keny Surijakumari

Aspiring Front-End Web Developer

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## Profile Summary

Front-End Web Developer currently enrolled in a 1-year program at BroChamp. Learning modern web technologies like Next.js, React.js, Nest.js, Express, Node.js, REST APIs, GraphQL, PostgreSQL, MongoDB, microservices, UML diagrams, CI/CD, testing, and hosting. Focused on building scalable, high-performance web applications using industry best practices.

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## Technical Skills (Currently Learning)

- **Languages:** JavaScript, TypeScript, HTML, (S)CSS, C, Java
  - **Libraries & Frameworks:** Node.js, Express, React, NextJS 14, TailwindCSS, Ionic, Next.js, Nest.js
  - **Microservices:** Docker, Kubernetes, Apache Kafka, NATS, Redis, Helm
  - **Tools & Platforms:** Git, Jest, Github Actions, Netlify, Render, Vercel, AWS, Firebase
  - **Design & Prototyping:** Figma, Illustrator, Photoshop, Blender
  - **Concepts:** Clean Architecture, MVC Architecture, SOLID Principles, Agile Methodologies
  - **Advanced JavaScript:** Memoization, Web Workers, Service Workers, WebRTC, FRP
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## Projects (Work in Progress & Completed)

### Calculator App (JavaFX & Swing)

- Developed a fully functional **calculator** using **Java and JavaFX/Swing** for UI.
- Implemented core arithmetic operations with an intuitive interface.

### To-Do List App (HTML, CSS, JavaScript)

- Built a **simple to-do application** with task addition, deletion, and completion features.
- Used **local storage** to retain tasks between sessions.

## Basic REST APIs (Learning & Experimenting)

- Developing foundational **RESTful APIs** using **Node.js** and **Express**.
- Implementing **CRUD operations** and database connectivity.

## HTML & CSS Static Websites


- Designed and developed **multiple responsive web pages** using **HTML** and **CSS** including **portfolio websites** and **landing pages**.
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## Education

### BroChamp – Full-Stack Web Development Program

 Ongoing | Expected Completion: April 2026

### St. John's Higher Secondary School (Computer Science Branch)

 2021 – 2023

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