

Abejith Pratheepan

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EDUCATION

University of Toronto

September 2021 - April 2026

Honours BSc, Computer Science - Software Engineering Specialist

TECHNICAL SKILLS

- 4+ years of experience building software applications using technologies to deliver scalable solutions through personal and professional projects.
- Experienced working in agile environments, participating in daily stand-ups, and collaborating with cross-functional teams to deliver software solutions on time.

Languages: Java, Python, C++, TypeScript, JavaScript, PHP, HTML/CSS, SQL, NoSQL

Frameworks & Libraries: React, Node.js, Express.js, TailwindCSS, ThreeJS, PostgreSQL, Figma, Svelte, Angular

Tools: Git, Docker, AWS, Jira, Linux, Visual Studio, Vercel, Google Cloud Platform

EXPERIENCE

Software Developer

September 2024 - December 2024

UTSC Digital Scholarship Unit | JavaScript, PHP, Drupal, Python

- Built a Python script integrating the Lighthouse API to audit approximately 15 library websites for performance, accessibility, and SEO compliance.
- Reduced manual auditing efforts by 60%, allowing library staff to address issues more efficiently and improve user satisfaction.

Full Stack Developer

January 2024 - August 2024

Riipen | React, Next.js, Node.js, MongoDB, Express.js, Figma

- Designed and optimized RESTful APIs to improve data exchange between the front end and back end, increasing system efficiency.
- Implemented responsive design and accessibility best practices, enhancing user experience and ensuring seamless usability across multiple devices.

PROJECTS

Omnicos | [Tournament Page](#)

December 2024

UTSC RoboSoccer | C++, LegoEV3 API, Figma

- Collaborated with a small team to program our custom-built robot for a competitive soccer tournament, where we secured a position in the playoffs.
- I took the lead in the design and implementation of the robot's main striking sequence, ensuring precision and efficiency through rigorous performance testing.

Grant Service | [Demo](#)

April 2024

MaginfyAccess | Svelte, Sveltekit, Supabase, PostgreSQL, Shadcn, TailwindCSS

- Worked with MaginfyAccess to create a Grant Service web application primarily focusing on accessibility.
- Focused on front-end development and key accessibility features, including support for colorblind users, multilingual accessibility, and text enhancements, to ensure an inclusive user experience.

MyWeekend | [Github](#)

October 2023

HackTheValley | React, Node.js, Google Cloud Platform, ChatGPT API

- Competed in a 24-hour hackathon at UTSC, collaborating with a small team to develop a web app that generates personalized itineraries based on user preferences such as location, interests, and party size.
- Developed seamless backend integration while designing a custom, visually engaging user interface for an enhanced user experience.