

Apurba Sinha

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Work Experience

Software Development Intern

May 2022 - August 2023

DotDash Meredith, Edmonton

- Enhanced user engagement by implementing responsive, user-friendly features for Investopedia and TheBalanceMoney, increasing page interaction by ~15%.
- Collaborated with the product manager and UI designer to align with project goals and ensured seamless design-to-development transition, reducing design revisions by 20%.
- Improved web performance monitoring by setting up dashboards in Kibana, Grafana, and Catchpoint, resulting in a 30% faster troubleshooting time for live issues.
- Created an AI-driven Slack summarization tool "Clippy" using OpenAI and Python, securing 2nd place in hackathon.
- Technologies used: Java, Vue.js, JavaScript, SCSS, XML, Freemarker, CI/CD Jenkins.

Full Stack Developer

January 2022 - May 2022

Food Producers Forum, St. John's

- Developed a full-stack community forum platform connecting local food producers across Newfoundland.
- Led frontend development using React, HTML, CSS, and Bootstrap, achieving a user-friendly interface that increased user adoption by 40%.
- Built backend with Node.js and MySQL, deploying on HostGator; maintained effective team feedback loops through weekly presentations.
- Technologies used: HTML, CSS, Bootstrap, React, Node.js, MySQL.

Software Developer

September 2021 - December 2021

Department of Computer Science, St. John's

- Built a searchable database solution for large volumes of chemistry data for the Retrevium project.
- Designed and implemented interactive, responsive UI components in React, optimising data retrieval time by 25%.

Education

Memorial University of Newfoundland, St. John's

May 2018 - April 2024

BSc. Computer Science

(Graduated)

Projects

Habit Hero - Mobile app platform allowing users to sign-up, sign-in, track their daily habit, set goals and execute.

Tools: FLUTTER, FIREBASE for storage and authentication.

Portfolio - Updated portfolio website showcasing my projects, work experience and skills. Tools used: HTML, CSS, JS. EMAIL.JS

One Day City Explorer - Unreal Engine simple project allowing users to play with first and third person mode. shoot, avoid obstacles,

Flight Deal Tracker (Ongoing) - Web app allowing people to track real time cheap flight deals with two inputs, city and price desired. Tools: Next.js, Tailwind CSS, [Node.js](https://nodejs.org/), API Routes, third-party APIs (Skyscanner, Kiwi)

Skills

- **Programming:** Java, JavaScript, Python, C#
- **Frameworks:** Flutter, React, Next.js, Node.js, Vue.js
- **Cloud/DevOps:** AWS, Firebase, Jenkins, Git
- **Database:** MySQL, PostgreSQL, MongoDB
- **Tools:** Kibana, Grafana, GitHub, WebGL