ABHISHEK AWASTHI

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# EXPERIENCE

**LTIMindtree, India: Software Developer** Oct 2022 – Present

* Optimized core UI components of Traveler's insurance platform using C++ and MFC classes, enhancing user experience and application responsiveness.
* Migrated PCF applications to AWS, improving scalability and reducing infrastructure costs.
* Architecting and implementing efficient memory management strategies in C++, optimizing resource utilization and application performance
* Achieved a significant 75% reduction in application downtime through defect identification and resolution.
* Provided end-to-end development, automation, and production support, ensuring system reliability and minimal downtime.
* Worked in Agile Team, participating in sprint planning, daily standups and retrospective meetings.
* Guided Junior Developers in debugging practices.

**SnarWeb, India: Improved Load Time of Application: Software Engineer Intern** March 2020 - May 2020

* Developed dynamic, responsive web pages using JavaScript, AJAX, and PHP, enhancing user interaction and page load performance.
* Successfully deployed a fully functional live website [LMA](https://lamilitaire.com) during the internship, ensuring production-grade quality and stability.
* Earned a Letter of Recommendation from the Company’s CEO for outstanding contributions and exceptional project delivery.

**Bhumi, Chennai, India: Software Engineer** Oct 2020 - Dec 2020

* Architecting and implementing efficient memory management strategies in C++, optimizing resource utilization and application performance.
* Collaborated closely with stakeholders to ensure they met all functional and design requirements following Agile Methodology.

# EDUCATION

**SRM Institute of Science and Technology, Chennai** June 2022 B.Tech, Computer Science & Engineering 91.20%

Relevant Coursework: Data Structures, Algorithms, DBMS, Operating System, Computer Networks

# TECHNICAL SKILLS

**Programming:** C++, STL, Multi-Threading, OOPs, MySQL, PHP

**Skills:** SQL, HTML, Bootstrap, JavaScript, .NET, C#, AWS, Design Patterns (Strategy, Observer, Singleton, Factory), Debugging

**Applications Used:** Jenkins, Vault, MongoDB Compass, Argo CD, SNYK, Autosys Jobs, Git

**LeetCode Profile:** <https://leetcode.com/u/avasthiabhishek08/>

# PROJECTS

**React Weather App** Dec 2019

* Built a responsive React app that fetches real-time weather data using APIs, displaying location-based forecasts with a clean UI/UX.
* WebApp Link: [https://abhi-weather-app.netlify.app/](https://ind01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fabhi-weather-app.netlify.app%2F&data=05%7C02%7CAbhishek.Awasthi%40ltimindtree.com%7Caf386dc96e3842d2c48608dd8494ed6a%7Cff355289721e4dd7a663afec62ab9d54%7C0%7C0%7C638812497351775852%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIwLjAuMDAwMCIsIlAiOiJXaW4zMiIsIkFOIjoiTWFpbCIsIldUIjoyfQ%3D%3D%7C0%7C%7C%7C&sdata=Qht1NlxJuZaz%2FklvjNXcaBOg9%2FvI%2BR%2Fg1iC%2Fd4H9xKE%3D&reserved=0)
* GitHub Link: [https://github.com/Abhishek6387724595/react weather-app](https://ind01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fgithub.com%2FAbhishek6387724595%2Freactweather-app&data=05%7C02%7CAbhishek.Awasthi%40ltimindtree.com%7Caf386dc96e3842d2c48608dd8494ed6a%7Cff355289721e4dd7a663afec62ab9d54%7C0%7C0%7C638812497351791548%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIwLjAuMDAwMCIsIlAiOiJXaW4zMiIsIkFOIjoiTWFpbCIsIldUIjoyfQ%3D%3D%7C0%7C%7C%7C&sdata=jZrtbKO74BVjalw4WpVjk%2FBxL2qOMSCFvy%2BtuSoIsIQ%3D&reserved=0)
* Tech Stack Used: HTML, CSS, JavaScript, React-JS

# CoronaGo: Real-Time COVID-19 Tracker for India Feb 2020

* Developed a COVID-19 tracker displaying real-time, state-wise data across India, integrating APIs with a responsive and user-friendly dashboard.
* GitHub Link: [https://github.com/Abhishek6387724595/coronago](https://ind01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fgithub.com%2FAbhishek6387724595%2Fcoronago&data=05%7C02%7CAbhishek.Awasthi%40ltimindtree.com%7Cbad1b8ae34ac4c3b80c308dd8495cef7%7Cff355289721e4dd7a663afec62ab9d54%7C0%7C0%7C638812501260220526%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIwLjAuMDAwMCIsIlAiOiJXaW4zMiIsIkFOIjoiTWFpbCIsIldUIjoyfQ%3D%3D%7C0%7C%7C%7C&sdata=VoSMhyhjDzQeWvxNDNYhZBeCoDrmBUbMC82RuuKgIGo%3D&reserved=0)
* Tech Stack Used: PHP, JavaScript, HTML

**Visual-Viewer** June 2021

* Implemented several C++ APIs to display components of bodies from assembly solutions. The Visual Viewer, built in C++ and algorithms, is a post processing tool used to render and display processed models, which are then analyzed for stress and strain effect.