

Vishnu Satish

SOFTWARE DEVELOPER · GRADE 11 STUDENT

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Summary

I am an enthusiastic and driven high school student with a passion for STEM and software development. My skills include full-stack development, app development, and data structures and algorithms.

Work Experience

Slang Labs (Google-backed startup)

Remote

SOFTWARE DEVELOPER INTERN

December 2021 - Present

- Architected, designed, and developed a web app integrating the Slang Voice Assistant
- Participated in meetings with senior team members and received and implemented feedback
- Developing a client-side online grocery marketplace using React
- Utilized Redux Toolkit to store the cart's items and the user's order history
- Persisted data using the user's local storage
- Created the UI using Material-UI and used Flexbox and the Grid system to make the UI responsive

University of Waterloo

Waterloo, Ontario, Canada (Remote)

SOFTWARE ENGINEERING INTERN

July 2021 - August 2021

- Worked under Dr. Mei Nagappan to develop a platform for the Software Architecture Group (SWAG) at the Chertont School of Computer Science at the University of Waterloo
- Conceptualized the design and architecture in collaboration with four professors and over 30 graduate/research students
- Created a process for storing data and defining relationships in XML
- Wrote a modularized Python script to generate static HTML from Jinja templates that utilized the XML data
- Customized Bootstrap using Sass
- Website link: <https://www.swag.uwaterloo.ca/www>

Skills

Programming	Python, C++, Java, Node.js, SQL, Data structures and algorithms
Back-end	Flask, Express.js, Jinja, SQLAlchemy, REST APIs
Mobile	NativeScript, Flutter
Front-end	React, Redux, JavaScript, HTML, CSS, Sass
Other	AWS, Ubuntu, Linux
Languages	English, Marathi, Kannada

Honours & Awards

Feb. 2021	Group 3 honour roll (top 1%) , Cayley Mathematics Competition	University of Waterloo
Dec. 2021	161 points (top 23%) - won a BugJar , BugBust re:invent	Amazon Web Services

Education

The Woodlands Secondary School

HIGH SCHOOL - GIFTED PROGRAM, GRADE 11

Mississauga, Ontario, Canada

September 2019 - July 2023 (expected)

References

Dr. Mei Nagappan

MEI.NAGAPPAN@UWATERLOO.CA

Associate Professor

University of Waterloo

Christopher Heathfield

CHRISTOPHER.HEATHFIELD@PEELSB.COM

Head of Curriculum

The Woodlands School