Sai Arvind **Budaraju**

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Work Experience

Teranet CMS
Mississauga, Canada (Remote)

SOFTWARE ENGINEERING INTERN
Jan 2021 – Apr 2021

- Developed and maintained a collateral management service website on Microsoft Azure Cloud.
- Programmed a template validator in C# and automated uploading using Hangfire.
- Improved the load time of webpages by switching from synchronous calls to async-await requests.

GEP
Toronto, Canada (Remote)

DATA WAREHOUSING INTERN
Sep 2019 – Dec 2019

- Wrote SQL scripts and stored procedures to optimize data migration.
- Built a schema comparison package that can be run using SSIS and ADF.

Achievers Inc
Toronto, Canada

MOBILE DELEVOPER INTERN
Sep 2018 – Dec 2018

- Redesigned the Android app UI to follow Google's material design guidelines.
- Refactored the codebase to handle URIs more robustly for API calls.
- Fixed bugs and participated in code reviews for the IOS application.

Achievers Inc
Toronto, Canada

SOFTWARE ENGINEERING INTERN
Jan 2018 – Apr 2018

- Developed react components to display products on the Achievers marketplace.
- Used APIs of major delivery companies to display delivery status of ordered items.
- Wrote bash scripts to assist the platform Architecture team in build cleanup which reduced the build time by 65%.

Virile IT Solutions
Hyderabad, India

SOFTWARE ENGINEERING INTERN
May 2017 – Aug 2017

- Developed webpages for a HRMS software using HTML/CSS and JavaScript.

Education

University of Waterloo
Waterloo, Canada

BACHELOR OF MATHEMATICS, HONOURS CO-OP
Sep 2016 – Dec 2021

- Pursued Computing, Combinatorics & Optimization, and Statistics.
- Recipient of the International Student Entrance Scholarship, University of Waterloo.
- Recipient of University of Waterloo President's Scholarship of Distinction.

Skills

Course Work	Functional Programming, OOP, Design Patterns, Graph Theory, Non-Linear Optimization, Regression, Classification
Programming	C, C++, C#, Java, Python, Scheme/Racket, R, JavaScript/TypeScript, Objective-C, Swift, Kotlin, Dart, PHP, SQL
Back-end	CodeIgniter (PHP framework), .NET, PostgreSQL, MySQL, SQL Server, SSIS
Front-end	HTML, CSS, Bootstrap, ReactJS, AngularJS, Flutter
Other	Bash/Zsh, PowerShell, Git, NodeJS, NginX, Docker, Podman, Kubernetes, REST API, LaTeX

Extracurricular Activity

Website

RUNNING A PERSONAL WEBSITE (BUDARAJU.COM) TO LEARN AND PRACTICE LATEST SOFTWARE DEVELOPMENT TOOLS.

- Currently using TypeScript with Material-UI components.

Hackathon

ACHIEVERS INC

- Introduced emoji react buttons in the newsfeed of the Achievers platform through a JavaScript injection.

Movie Search App

A SIMPLE MOVIE LOOKUP APP

- Built a cross platform movie search application with Flutter using the OMDB API.