Amogh Nayak

3A Computer Science

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Skills

Languages: Python, C/C++, Java, JavaScript, SQL, HTML, CSS, AJAX

Frameworks: jQuery, NodeJS, .NET, Django, AngularJS

Experience

THE WEATHER NETWORK   Aug 2016 – Dec 2016

R&D Software Developer

- Integrated a sophisticated location tracking algorithm by using Bluetooth Low Energy (BLE)
- Implemented Pixel API on TWM's homepages to allow conversion measurements on advertisements
- Improved client dashboard generation by introducing semi-automated processes
  Technologies used: BigQuery, JavaScript, NodeJS, Amazon Web Services (AWS), Bime Dashboards

HEALTHCARE OF ONTARIO PENSION PLAN   Jan 2016 – Apr 2016

System Developer

- Automated the RFQ process by creating an online portal for trading market derivatives
- Created UI regression test suites by using frameworks like Specflow, Selenium and MSTest
  Technologies used: StreamBase CEP, .NET, AngularJS and Telerik Kendo UI

CROWDRIFF LENS   May 2015 – Aug 2015

Software Developer

- Developed web scrapers for a variety of scenarios using Python libraries such as BS4 and Requests
- Maintain databases using Postgres SQL and Golang libraries such as Goji and net/HTTP
- Designed and implemented a custom interactive map using Mapbox studio and Mapbox.js
  Technologies used: Python, Postgres SQL, Go and Mapbox

Projects

StackOverflow Job Analyzer *(stackoverflowjobanalysis.herokuapp.com)*

- An online Flask application that generate statistics on jobs that are offered on StackOverflow
  Technologies used: Python Flask, Bootstrap, Heroku, Highcharts

Currency Exchange Application (*currencyexapp.herokuapp.com*)

- An online Django application that provides currency exchange rates for popular currencies
  Technologies used: Django, AJAX, Python, jQuery, Heroku, Highcharts

Education

University of Waterloo   2014 – 2019

Candidate for Honors Computer Science