

Kunal Trivedi

Software Developer

Waterloo, ON

519-817-9359

kunalht1@gmail.com

www.kunalht.com

<https://www.linkedin.com/in/kunalht/>

<https://github.com/kunalht/>

TECHNICAL SKILLS

- **Programming Languages:** JavaScript, Java, Ruby, Python, C, C++, C#, Golang, HTML, PHP
- **Frameworks:** Node.js, Angular 4, Ruby on Rails, Bootstrap, jQuery, Django, Spring Boot
- **Database Systems:** MongoDB, MySQL, MariaDB
- **Technologies:** Git, AWS, Microsoft Azure, Nginx and Apache web server, Unreal Engine

WORK EXPERIENCE

Enterprise Application Integration Developer

August 2019 – Present

University of Waterloo, Waterloo

Technology: Ruby on Rails, JavaScript, Docker, HTML, CSS, Postgres

- Participated in evolving guidelines, standards and consistent processes specific to Application Integration (EAI), Data Integration, API/Services Integration, B2B/EDI processes, Digital/Mobile Integration, and, Hybrid Cloud integration technologies (iPaaS)
- Design, develop & maintain business intelligence solutions to help strengthen business decisions in areas such as resource utilization, member engagement and service delivery
- Provide information through reports and visualizations utilizing modern business intelligence tools
- Worked on University's Clubs and Vote system
- Wrote a book store scraper to get books data which saved a lot of money
- Worked closely with IT team to understand priorities consistent with IT Business Strategy

Software Developer Coop

August 2018 – April 2019

Blackberry, Waterloo

Technology: Ruby on Rails, JavaScript, Elasticsearch, HTML, CSS

- Developed Backend and Frontend code using REST API based on external or internal requirements
- Wrote different jobs to automate internal requests
- Worked with AWS API and AWS SDK to integrate S3 and storage grid to internal code
- Wrote elasticsearch queries to store and retrieve big chunk of data
- Created Mailer API to store, send and edit mail templates and converted whole code to use it
- Used agile methodology with daily scrum meetings to provide fast paced development and project timeliness

Front-End Developer

January 2018 – June 2018

uSTADIUM, (Remote), New York

Technology: Angular, TypeScript, HTML, SCSS, Bootstrap

- Used Angular 4 framework to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with server using Back-End API
- Worked on REST/Web API to create services and tested on postman to use in Angular HTTP service calls
- Built mobile responsive web designs using CSS and Bootstrap
- Debugging using web developer tools on Chrome and Firefox
- Created Top Players Draft contest app on NFL Draft Day

<https://ustadium.com>

Back-End Developer

September 2017 – December 2017

uSTADIUM, (Remote), New York

Technology: Node.js, JavaScript, Swagger, MongoDB, MySQL

- Developed an ETL tool to migrate database from MongoDB to MySQL
- Worked with RESTful API for Android, iOS and Web App
- Worked with team to rebuild the product following latest standard and technologies
- Balanced various deadlines to complete tasks

Full-Stack Web Developer

January 2018 – July 2018

Hi-lite Graphics, Guelph

Technology: Node.js, JavaScript, Passport.js, MariaDB, HTML, CSS, Bootstrap

- Developed an E-commerce web application for online store
- Integrated PayPal API for online payment
- Developed cart and order system for products

EDUCATION**Master of Applied Computing**

August 2017 – April 2019

University of Windsor, Windsor, Ontario

Bachelor in Computer Science – Computer Science

August 2013 - March 2017

BITS edu campus, Vadodara, India

PERSONAL PROJECTS**Back-End Developer**

July 2018 – present

BePennywise

Technology: Node.js, JavaScript, MySQL, Amazon AWS, S3, Git

- Lead team of three to Design and Develop Finance management web app
- Used Quovo API to connect real bank accounts
- Developed functionality to track finance, plan budget and create goals
- Developed different admin functionalities based on permissions
- Used AWS EC2, Route53 for hosting API and S3 to store images

ACADEMIC PROJECTS**E-commerce Data Warehouse**

January 2018 – April 2018

Technology: Node.js, Passport.js, MySQL, MongoDB, HTML, CSS, Bootstrap

- Developed an ETL tool to convert database from MongoDB to MySQL using ID remapping
- Designed Database Schema for E-commerce website
- Created data warehouse from multiple E-commerce website's database
- Developed Fact Table to measure business process using star schema

<https://github.com/kunalht/EcommerceDataWarehouse>

Game development project

September 2016 – June 2017

Technology: Unreal Engine 4, Blueprint Scripting, 3D modeling, Level Designing and Testing

- Led team of 4 to create Third Person Shooter game
- Made different types of Enemy A.I. and their characteristics
- Designed 3D models and animated them

ACHIEVEMENTS

- Became Microsoft Student Partner for one year and participated in different events