

Navaneeth Ashok

Education

- 2021–Present **Ontario Graduate Certificate in Web Development,**
Humber College, Toronto, ON, Canada, GPA : 89.8 ongoing .
- 2012–2016 **B.Tech. in Computer Science Engineering,**
Amrita Vishwa Vidyapeetham, Kollam, Kerala, India, CGPA : 8.59 .

Skills

- Web HTML5, CSS, Javascript, C#, .NET, React.JS, PHP, PWA
- Database MySQL, MS SQL
- Cloud Azure, AWS, Google Cloud Platform
- Testing Proficient in unit testing and integration testing of the developed features.
- Management Agile, Scrum, JIRA

Work Experience

- Freelance **Web Developer and Designer** *Jan 2021-Current*
- I am Bored! Express and React based web-app for movie and song suggestions.
 - Covid-19 Helpdesk portal for local government.
 - Kalam Youth Forum : CMS for an NGO
 - Restaurant Food Ordering and Table Management web-app
- SonicWALL **Software Engineer** *June 2016-Jul 2021*
- Developed a web application with Bootstrap, HTML, CSS and .NET for managing appliances through REST API.
 - Daily and Weekly Automated Reporting Tool.
 - Co-developed Python unittest based automation framework for the QA team for automating test-cases and scenarios using API and UI testing tools.
 - Designed and Deployed network lab for testing Central Management System, emulating traffic from various Geo zones for testing load-based Geo redirection functionalities of the Global High Availability module.

Projects and Technical achievements

- Patent **Call Location Based Access Control of Query to Database** *US2021165899A1*
- Co-authored a patent in USPTO, titled 'Call Location Based Access Control of Query to Database' to protect databases from unknown or unfamiliar requests.

Web Apps **I am Bored!**

<https://iambored.navaneeth.dev/>

- A single page movie and song recommendation web-app made with React and Express. Web-app fetches the results for the user input from an ExpressJS based server. The suggestions are shown in card format, with Spotify and Youtube integration. This web-app is mobile friendly and can be installed in devices as a PWA.

Firehouse Pizzeria

<https://foodappnav.azurewebsites.net/>

- Built on ASP.NET this web app can be used by users to book table, order food and pay for the same using a payment gateway. The website admin can manage the orders, bookings, menu, billing etc. The web app also functions as a homepage for the restaurant where the details about the restaurant such as About Us, Contact, Locations are posted.

Covid-19 Helpdesk

navaneeth-ashok.github.io/covidHelpdeskPanchayat

- A website for keeping track of covid related activities happening in my hometown in India. Developed as a one-stop solution for finding contact information of the covid helpdesk members, volunteers, open provision stores, and emergency services in the locality like ambulance, oxygen van, police, and fire station.

Kalam Youth Forum

<https://kalamyouthforum.azurewebsites.net/>

- A freelance project for an NGO based in India. The website lists the activities and projects that are undertaken by the NGO for the non-registered users. The web-app is used by the NGO to track the activities of its chapters, members and the self help groups registered with the NGO. Data is stored in a MsSQL DB with high availability and load balancing enabled. The web-app also offers a blood donation page on which guests can search for matching donors in case of an emergency. The blood-donation feature can be installed in mobile devices as a PWA as well.

Automation Management Console for managing SMA1000 appliance

- Developed a central management portal for managing, monitoring and configuring SMA1000 appliances using REST API. The front-end is based on Bootstrap, jQuery with CSS and HTML and backend is powered by .NET.

Other Interests

- Automobiles
- Photography
- Digital Drawing