

Navaneeth Ashok

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Education

- 2021 **Ontario Graduate Certificate in Web Development,**
Humber College, Toronto, ON, Canada, CGPA : 89.5 .
- 2012–2016 **B.Tech. in Computer Science Engineering,**
Amrita Vishwa Vidyapeetham, Kollam, Kerala, India, CGPA : 8.59 .

Skills

Web	Angular, React, .NET Core, C#, JS, PWA
Database	MySQL, MongoDB, Azure Cosmos DB
Cloud	Azure, AWS, Google Cloud Platform
DevOps	Azure DevOps, Python, Terraform, SonarQube
Testing	Proficient in unit testing and integration testing of the developed features.
Management	Agile, Scrum

Work Experience

- Cetaris **Front End and DevOps Developer** *Nov 2021-Present*
- Designs and develops micro-front-end for micro-services on Angular.
 - Participates in R&D, prototyping, tool development, and process development.
 - Experienced in designing and creating CI/CD pipelines in Azure DevOps.
 - Experienced in packaging .NET micro-services and Angular web-apps into docker containers.
 - Experienced in container orchestration using Kubernetes, and Infrastructure as Code using Terraform.
- Freelance **Web Developer and Designer**
- I am Bored! Express and React based web-app for movie and song suggestions.
 - Covid-19 Helpdesk portal for local government.
 - Kalam Youth Forum : .NET Core CMS for an NGO
 - Restaurant Food Ordering and Table Management web-app
- SonicWALL **Software Engineer** *June 2016-Jul 2021*
- Designed, developed and deployed web applications with .NET Core and Blazor for managing VPN appliances through REST API.
 - 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** *US11675920B2*

- 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!** *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. An Angular version of the app is deployed as well [IamBored Angular](#)

Photography Portfolio *navaneethashok.com*

- An online portfolio documenting my street photography works, powered by Next.JS and SanityIO. NextJS providing server side rendering helping in accessibility and lower payload and images are served through SanityIO's cdn helping in quicker loading.

CS & Tech Job Salary Insights Canada *salary-app.navaneeth.dev*

- Salary Insights app for the people working in computer science and tech jobs in Canada. The data is fetched from r/cscareerquestionsCAD subreddit using a python script and the data is stored in a MongoDB database. An ExpressJS API service is then created to serve the data in JSON format for the frontend which is developed in Angular. The frontend is SSR and deployed in GCP

Firehouse Pizzeria *github.com/navaneeth-ashok/RestaurantApplication*

- Built on ASP.NET with C# 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 *github.com/navaneeth-ashok/kalamYouthForum*

- 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. The web-app uses .NET Core with C# and Blazor for UI. 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.