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, HTML5, CSS, Javascript, PWA
Database MySQL, MongoDB, Azure Cosmos DB
Cloud Azure, AWS, Google Cloud Platform
DevOps Azure DevOps, Python
Testing Proficient in unit testing and integration testing of the developed features.
Management Agile, Scrum, JIRA

Work Experience

Cetaris **Front End and DevOps Developer** *Nov 2021-Present*
- Working on Angular for developing micro-front-end for micro-services.
- Working on Azure DevOps in creating CI/CD pipelines.
- 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*
- Developed a web application with Bootstrap, HTML, CSS and .NET for managing 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**   *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!**   *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

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 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. 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.