Visvesvaraya Technological University

Jnana Sangama, Belgaum – 590014, Karnataka

A SEMINAR REPORT

ON

Progressive Web Apps

Submitted in partial fulfilment of the requirements for the award of the Degree of **Bachelor of Engineering** in **Computer Science & Engineering** for the academic year 2017-2018

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CERTIFICATE

This is to certify that the Seminar entitled **"Progressive Web Apps"** has been carried out by **ARAVIND B** (1ST14CS023), bonafide student of **Sambhram Institute of Technology** in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of the **Visvesvaraya Technological University, Belgaum** during the year **2017-2018**. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The seminar report has been approved as it satisfies the academic requirements with respect to its work prescribed for the said degree.

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ABSTRACT

Web applications are often described as being cross-platform. They are accessible from a multitude of different web browsers, which in turn are running on a multitude of different operating systems. For a time now, developers have used many different tools to create cross-platform applications for mobile devices with web technologies. However, these applications fail to deliver when taken out of their native environment, and often do not feel native at all. Enter Progressive Web Applications, PWA. PWA's are applications written for the web with web technologies, running in a browser, but seasoned with some techniques that can make them behave like a native application when running on a mobile device. They are just ordinary web applications with native behaviour such as offline support, installability, and push notifications.

ACKNOWLEDGEMENT

While presenting this Seminar on **Progressive Web Apps**, I feel that it is my duty to acknowledge the help rendered to us by various persons.

Firstly, I am grateful to my institution **Sambhram Institute of Technology** for providing me a congenial atmosphere to carry out the seminar successfully.

I would like to express my heartfelt gratitude to **Dr. H.G. Chandrakanth,** Principal, Bangalore, for extending his support**.**

I am very grateful to my guide, **Dr. T. John Peter**, **Head of Department**, Computer Science, for his able guidance and valuable advice at every stage of my project which helped me in the successful completion of my project.

I am also indebted to our parents and friends for their continued moral and material support throughout the course of project and helping me in finalize the presentation.

My heartfelt thanks to all those have contributed bits, bytes and words to accomplish this Project

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