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AKSHAT GARG

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EDUCATION

Durgapur, WB, India	National Institute of Technology	Aug 2014 - May 2018
<ul style="list-style-type: none">B. Tech in Information Technology with a CGPA : 8.65/10 (Upto 6th Semester)		
Siliguri, WB, India	Delhi Public School	- 2014
<ul style="list-style-type: none">Senior Secondary Examination - CBSE Board - 95%Secondary Examination - CBSE Board - 9.8/10 CGPA		

WORK EXPERIENCE

Full Stack Developer, Intern	PregBuddy	May 2017 – June 2017
<ul style="list-style-type: none">Created multiple APIs for the backend for Android application and Progressive Web App (PWA).Optimized the PWA to achieve a LightHouse score of 100/100 with first load time reduced by 4 times to 2s, entire bundle size reduced by 8 times to 300 Kb. Recurrent visits use as little as 10KB and takes < 800ms.Made the automation for transactional & product emails using Mailgun followed by AWS SES to handle up to 14 mails/second and push notifications for app and webapp using FCM.Managed an intern with whom we implemented the Hindi localization and Social Login (Google & FB) together.Exposure: Flask, AWS EC2, AWS SES, Apache Virtual Hosts, Firebase Realtime DB, Firebase Cloud Functions		
Front-End Developer, Intern	PregBuddy	Dec 2016 – March 2017
<ul style="list-style-type: none">Single-handedly built a PWA using ReactJS from scratch to production in < 30 days as per Google guidelines.Worked on getting the content indexed by the GoogleBot using redirects and creating the sitemap.Got feedback from Flipkart Lite, Developer Expert of PWA & Google Chrome US team during its beta stage.Exposure: ReactJs, Material-UI for React, AJAX, Firebase Cloud Messaging, AWS S3, MixPanelWeb-App link: https://app.pregbuddy.com		

TECHNICAL EXPERIENCE

Projects

- IMDB Portal:** A simple python utility script which assists in getting movies' information, ratings and renaming each movie directory in the desktop by appending IMDB rating and year of release to each folder's name.
Github link: https://github.com/akshatnitd/IMDB_Portal
- Tabs Share:** A chrome extension for saving, sharing and reloading the browser tabs.
Github link: <https://github.com/akshatnitd/Tabs-Share>
- Student Information Portal:** It is an information portal for the students developed using PHP.
Github link: <https://github.com/akshatnitd/student-information-portal>
- Contribution to various **Open Source Organisations** namely NITDgp-OS, Mozilla, Coala, etc.

ADDITIONAL EXPERIENCE AND ACHIEVEMENTS

- 1st Runners Up** of the **Smart India Hackathon – 2017** under the AICTE Ministry, which was a national level competition and was the World's Largest Hackathon.
- 1st prize** in the hackathon conducted by the Linux Users' Group of the college in Mukti '17.
- Only candidate nominated to attend a 8-day Summer School on **Algorithms and Optimization Techniques** during July 4 -12, 2017 at **Indian Statistical Institute, Kolkata**.
- Winner of **GSOC Heat** conducted by the Open Source Community of the college.
- Solved programming problems on various platforms. My CodeChef profile handle is *akshatnitd*.

SKILLS

- Languages:** English; Hindi; Bengali
- Programming:** C; C++; Python
- Web Development:** HTML; CSS; JS; JQuery; ReactJS; Flask; XML; PHP (Basic); MySQL; Firebase; BootStrap
- Tools:** GIT
- Platforms:** Linux; Windows