

Akshat Garg

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EDUCATION

NIT, DURGAPUR

B.Tech | I.T.
Expected May 2018
Durgapur, WB
CGPA: 8.65

DELHI PUBLIC SCHOOL

XII | CBSE
Passed March 2014
Siliguri, WB
PERCENTAGE: 95%

X | CBSE

Passed March 2012
Siliguri, WB
CGPA: 9.8

LINKS

LinkedIn://akshatnird
Github://akshatnird
CodeChef://akshatnird

COURSEWORK

UNDERGRADUATE

Data Structures & Algorithms
Design & Analysis of Algorithms
Networking
Operating Systems
Database Management Systems
OOPS

SKILLS

PROGRAMMING

• C/C++ • Python

WEB DEVELOPMENT

• HTML5 • CSS3 • ES6/JS
• ReactJs • JQuery
• Flask • SQL • FireBase
• Material UI • Bootstrap
• Jekyll • Webpack

TOOLS

• GIT • Postman
• TravisCI • MixPanel

GRAPHIC DESIGNING

• CorelDraw • Photoshop

PLATFORMS

• Linux • Windows • AWS

FAMILIAR:

• Android • PHP • XML

LANGUAGES

• English • Hindi
• Bengali

EXPERIENCE

FOSSASIA | GOOGLE CODE-IN MENTOR

Dec 2017 – Jan 2018

- Responsible for mentoring the students who had participated in the contest.

PREGBUDDY | FULL STACK DEVELOPER INTERN

May 2017 – June 2017

- 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

PREGBUDDY | FRONTEND DEVELOPER INTERN

Dec 2016 – March 2017

- 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, MixPanel
- **Web-App link:** <https://app.pregbuddy.com>

PROJECTS

IMDB PORTAL | PYTHON | BS4 | SCRAPING

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:// [IMDB_Portal](#)

TABS SHARE | HTML | CSS | JAVASCRIPT

A chrome extension for saving, sharing and reloading the browser tabs.

Github:// [Tabs-Share](#)

STUDENT INFORMATION PORTAL |PHP | HTML | CSS | JAVASCRIPT

It is an information portal for the students developed using PHP.

Github:// [student-information-portal](#)

Contribution to various **Open Source Organisations** namely **FOSSASIA**, **Mozilla**, **NITDgpOS**, **Coala**, **ReactJs**, etc.

ADDITIONAL EXPERIENCE AND ACHIEVEMENTS

- **1st Runners Up** of the **Smart India Hackathon – 2017** (A national level competition) under the Dept. of AICTE.
- **1st Runners Up** of the Facebook Digital Masala Challenge held at Hyderabad.
- **1st prize** in the hackathon conducted by the Linux Users' Group of the college in Mukti '17.
- Only student nominated from college for a Summer School on **Algorithms and Optimization Techniques** at **ISI, 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 **akshatnird**.