

CHIRAG MAHESHWARI

B.Tech. Polymer Science and Technology
UG(IV Year I Semester)
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Registration No: B.Tech./PS/15121010/2019

Indian Institute of
Technology
Roorkee



Area of Interest

Software Development, Backend Development, DevOps

Education

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2018	B.Tech. 3rd Year	Indian Institute of Technology, Roorkee	7.254
2014	Twelfth	The Aditya Birla Public School Khor	91.6 %
2012	Tenth	The Aditya Birla Public School Khor	10.0

Internships

Summer Internship | Google Summer of Code 2018 with Amahi 14th May - 14th August, 2018

- Revamped the complete backend, Amahi Proxy Server and Amahi Anywhere File Server in GoLang. Migrated from HTTP/1.1 & SPDY/3.0 to HTTP/2 for connection between different servers. Designed, architected and developed the apis for complete end to end implementation of non-admin user login and friending functionality. Also worked on the analytics dashboard for proxy server.

Technology Summer Analyst | Citicorp Services India Limited 16th May- 13th July, 2018

- "Task Tracker" project to track and maintain all the projects going on in the department with different tasks in several sprints assigned to different resources. Designed and developed the complete solution from frontend to backend using JAVA Spring and bootstrap, jQuery etc.

Summer Internship | Google Summer of Code 2017 with Amahi 30th May- 29th August, 2017

- Implemented new features to the Amahi Anywhere android app like file upload and delete; auto image upload on new photo capture using any camera app; chromecast support for casting audio, video and photos; new native android video player; status bar and lockscreen notifications for controlling audio playback; swipe gestures in video player for controlling brightness, volume and video position.

Summer Intern - Software Development | Cyllid Technologies Private Limited (Vernacular.ai) 10th May - 31st July, 2017

- Designed and developed the complete backend platform from scratch based on micro-services architecture in Django and Node.js
- Also worked as an android developer building a sdk which others can use as a library in their project.
- Had experience with server setup, testing and deployment on aws console with proper testing on jenkins

Projects

Kofuku - No Dues Application | SDSLabs Oct 2017- Dec 2017

- A web platform for recording and maintaining all dues of the students in the campus either item or cash based. Eases the process to generate No Dues certificate at the completion of the degree.

Appetizer | SDS - Mobile Development Group Feb 2017 - Nov 2018

- A mobile application that allows user to view the mess menu, give feedback regarding meals and checkin or checkout themselves from the mess. I developed the complete backend for this project in Django (python).

Campus Buddy | SDS - Mobile Development Group Jan - July, 2016

- A mobile app to know more about IIT roorkee and help students. It contains the whole telephone directory of IITR and also facebook feeds of various campus groups, both in an easy to use UI/UX. I built the complete android app and also worked on backend in php.

Awards / Scholarships / Academic Achievements

- Aditya Birla Pratibha Scholarship

Skills

Computer languages	Java, GoLang, Android, Swift, PHP, Python, Node.js, Django, PostgreSQL, HTML5, JS, JQuery, MySQL
Software Packages	Android Studio, Xcode, PyCharm, GoLand, WebStorm, Sublime Text, Visual Studio, Ubuntu, Fedora, Microsoft Office (Word, Excel, Powerpoint)
Additional Courses Taken	Design and Analysis of Algorithms, DBMS, Economics, Fuzzy Set Theory and Fuzzy Systems
Languages Known	English (SRW) , Hindi (SRW)

Positions of Responsibility & Extra Curriculars

Executive Member, SDSLabs 2017

- Worked on various web development projects involving various technologies and programming languages.

Executive Member, Mobile Development Group 2016

- Worked on development and testing of various android and ios apps for campus as well as global reach.

Web Developer, IIT Heartbeat	2015
<ul style="list-style-type: none"> • Worked on full stack development of a django application for fetching and shipping news articles related to IITs. • Built and deployed a complete blog-cum-website using jekyll, HTML, CSS and JS (jQuery). 	
Panasonic Mobivation	2016
<ul style="list-style-type: none"> • Secured 1st position and got a cash prize of Rs 1 Lac along with a panasonic smartphone. 	
Kaspersky CSNG International Competition	2017
<ul style="list-style-type: none"> • Participated in finals of the Cyber Security for the Next Generation international competition conducted by Kaspersky at Prague, Czech Republic 	
Stock Market Analysis, Inter Bhawan Technical Trophy	2017
<ul style="list-style-type: none"> • Won the competition by developing a strategic algorithm to sort the news articles related to stock price changes and identify which articles indicate rise or fall in the price of a particular stock. 	
108 Hackathon, IIT Madras	2016
<ul style="list-style-type: none"> • Secured 4th position and got a cash prize of Rs 10 thousand. 	
Microsoft Code.Fun.Do Hackathon	2016 & 2017
<ul style="list-style-type: none"> • Participated and successfully completed 24 hours hackathon for two consecutive years. 	
Smart India Hackathon	2017
<ul style="list-style-type: none"> • Qualified for Grand Finale of Smart India Hackathon under Ministry of Road Trans and Highways organized by Government of India. 	
InOut Hackathon	2016
<ul style="list-style-type: none"> • Participated in a 30 hour hackathon conducted by InOut at SVNIT, Surat. 	
4th Inter IIT Tech Meet	2015
<ul style="list-style-type: none"> • Secured 3rd position in Hardware Modelling category. Developed a prototype of automated robot toilet cleaner. 	

References

Sourabh Gupta

CEO

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