



Prasanna Thapa

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Codechef	<a href="https://codechef.com/users/snowfox">codechef.com/users/snowfox</a>
GitHub	<a href="https://github.com/prasannathapa/">github.com/prasannathapa/</a>

SUMMARY

I consider myself as a competitive programmer and a problem solver, apart from that I have worked on and built projects in a variety of domains such as Android, MERN/MEAN stack, Java etc. I am a quick learner and looking forward to learn new technologies whenever possible

EDUCATION

Timeline	Course	Institution	Grade
2018-2022	Bachelor of Technology (CSE)	Maulana Abul kalam Azad University of Technology	9.25 CGPA
2018	Class 12 Board	Kendriya Vidyalaya (CBSE)	84.2%
2016	10th Boards	Kendriya Vidyalaya (CBSE)	9.6 CGPA

EXPERIENCE & ACTIVITIES

Member Technical Staff | ZOHO (8 Sep 2021 – present) Java C++ ember

Worked in SIEM & Cloud products. Integrated two factor-authentication, designed & implemented Delivery Optimization architecture for client Agent updates and added feature trial functionality

SDE Intern | DIGIBOXX (10 May 2021 – 8 Sep 2021) A django

Implemented File Upload progress tracker service, multi-folder upload system, API response caching system (Angular 8) and segmented data loading for faster load times (major performance improvements), thumbnail generator service in Django and 70+ bugs and vulnerability fixes.

Android Developer | IEM Labs (1 Aug 2019 – 1 Oct 2019) Java Firebase

Under IEM AMERICA developed iHealth Prof and Amrit Vedic Yoga Online Yoga Learning/Relaxing app with music/video streaming, payments and firebase database with Material design on UI

Opensource contribution & Prototype development | GIRLSCRIP Summer of Code Java C++ Firebase

Contributed to GSSoC with my PR merged for notification service the CS-Wala App (under GSSoC) and hosted multiple open-sourced projects (check GitHub) and built a ESP8266 + android-based prototype for a Horsemen Motors of on a women centric wearable device

Web Development PHP & SQL | MAKAUT php MySQL

Built a Web solution for organising & registering in Tech events CodeFEST and Hackathon in PHP for MAKAUT

PROJECTS

MAKAUT API | NodeJS + MongoDB Student Grade Analyzer | React JS

It is a NodeJS based Grade Card API with CSRF authentication bypassing and Result auto Caching functionality, the fastest one at that! it Provides several Analytics and prediction API for free

This is an analytics tool for students & university, with live results query from university, student performance metrics, college performance metrics, results prediction, student comparison, subject analytics and much more

Foxy Tales | Android (Java + Firebase) Home Automation | IoT + Android

Made A Programmable Plugin based Chat App in Android, just like any messenger app but serverless and users can make (Programmable) their own plugins inside it and publish it

Built a super cheap home automation solution that works with An android app via Wi-Fi and costs around ₹65~80/appliance control for an Intercollege Science Competition organised by West Bengal University of Technology

Greeting Card App | Android

Made Wishes. An online virtual wishing/greeting app that flips pages with live finger tracking

ACHIEVEMENTS & CERTIFICATIONS

- Globally 91th rank in TCS's flagship hiring contest CodeVita season 9 (1.8 Lakh participants)
- Infosys certified software programmer and offered Power Programmer role by Infosys
- Offered Software Engineer role at Accolite Digital, Digiboxx, Alight
- Rank 81 in the Scaler Edge Apex 2021 (10000 participants)
- Rated 5 stars and ranked ~4423 (top 1.6% globally) at codechef
- Ranked 1st in MAKAUT University level contest for Home Automation | IoT + Android project
- 97% in THIS Python course in NPTEL came in the Topper list and in Top 1% (55K+ enrolment)



SKILLS

Data Structures & Algorithms	Frameworks / Libraries	Languages
Arrays Competitive-Coding Dynamic-Programming Graphs Greedy-Algo Heaps LinkedList Maps Queue Set Sorting Stack Trees	Android (Java) Angular 2+ Ember Firebase MongoDB NodeJS PHP ReactJS Servlets SQL	C\C++ CSS HTML Java JavaScript TypeScript Python