

Sonu Sourav

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“Aut inveniam viam aut faciam”

Education

Indian Institute of Technology Dharwad (IIT Dharwad)

JUNIOR ELECTRICAL ENGINEERING UNDERGRAD

Dharwad, India

Expected 2021

Chinmaya Vidyalaya

SENIOR SECONDARY EDUCATION (PCM)

Bokaro, India

90 %

Skills

Languages Java, Kotlin, C++, HTML, Node.js, SQL, Bash, Dart, Latex

Platforms Windows, Linux, Firebase, MongoDB, GCP, AWS

Tools Android Studio, Git, Matlab, Octave, Postman

Soft skills Event Management, Entrepreneurship, Blogger, Oration, Leadership, Flexible, Time Management

Work Experience

Texopanda

LEAD APP DEVELOPER

Bangalore, India

July 2018 - Aug 2018

- Led a team of 5 to define and implement solutions in alignment with latest Android Material Guidelines
- Coordinated with team members to create an app in a coordinated and timely manner.
- Added back-end support with API integration to improve the customer experience and cut down on development time

TCS-IISc Bangalore

SOFTWARE DEVELOPMENT ENGINEER

Bangalore, India

March 2018 - Jul 2018

- Developed an interface on top of the BP algorithm that uses PPG (Photoplethysmogram) and ECG (Electrocardiogram) signals
- Created an Android solution for a Smart Wearable device to measure heartbeat and blood-pressure
- Built and deployed overall service infrastructure utilizing Android BLE, TravisCI, and several Firebase stacks (Including Auth, Realtime Database, Storage, Crashlytics) focusing on high-availability, fault tolerance, and auto-scaling.

Youth Empowerment Foundation

ANDROID APP DEVELOPER

Remote

April 2018 - May 2018

- Conceptualized, designed and developed an Android app from scratch maintaining all reports pertaining to application development process
- Worked on bug fixing and improving application performance
- Implemented dynamic image sizing and support for multiple devices

Honors & Awards

Ongoing **MCM Scholar**, Scholarship given by IIT Dharwad to top 12% students

Dharwad, India

2019 **Gold Medal in Schlumberger Coding Hackathon**, Inter-IIT Tech Meet 8.0 organized by IIT Roorkee

Roorkee, India

2019 **Winner in App-etite Hackathon**, in Meraz 2019, IIT Bhilai's Annual Techno-Cultural Fest

Bhilai, Chattisgarh

2018 **Fourth Position**, Jio Developer Hackathon: Solve for Billion

Mumbai, India

2017 **Panasonic Ratti Chattr Scholar**, One of the 30 students in India; Received cash scholarship of \$2400

New Delhi, India

2015 **Aakash-YTSE Scholar**, AIR-3; Received scholarship of \$1000 with one year of free tuition

Bokaro, India

Speaker Sessions

Google Cloud Study Jams by Developer Student Club IIT Dharwad

GOOGLE CLOUD PLATFORM ESSENTIALS

IIT Dharwad, Dharwad

Aug. 2019

- Introduced 150+ attendees to the Google Cloud Platform's fundamental tools and services
- Hands-on session on virtual machine, Kubernetes Engine, Load balancers and Cloud shell

Position of Responsibility

PARSEC 2020

OVERALL CO-ORDINATOR

- Organized **PARSEC: A Paradigm Shift**, the first Annual TechFest of IIT Dharwad
- Led a team of 80 students and raised sponsorship worth 10 Lakhs

IIT Dharwad, India

September 2019 - Feb 2020

IIT Dharwad

GENERAL SECRETARY TECHNICAL AFFAIRS

- Deals with all the technical activities and agreements
- Proposed various marketing and network solutions to increase tech exposure to students

Dharwad, India

April 2019 - Ongoing

GitHub Education

GITHUB CAMPUS EXPERT

- Promoting open source culture in my local community with support from GitHub
- Mentoring students to get started with open source world

India

Jan 2019 - Ongoing

Google Developers

DEVELOPER STUDENT CLUB LEAD (DSC LEAD)

- Conducts various tech and design sprint workshops
- Exposing students to the latest Google technologies and programs like Cloud Study Jams and Explore ML programs

India

Feb 2019 - Ongoing

Open Student Society (OSS)

FOUNDER & CAMPUS LEAD

- Founded a new developer community to foster open source projects and events
- Impacted more than 2000 students with the events and workshops conducted

India

Feb 2019 - Ongoing