

EXPERIENCE

- **Tata Consultancy Services** Bangalore, India
AWS Developer Intern *Feb. 2020 - Mar. 2020*
 - Worked with banking, financial services and insurance (BFSI) client
 - Deployed and monitored applications over elastic compute using docker and CloudWatch
 - Performed tests on lambda functions on app endpoints using Jenkins
- **Tata Steel** Jamshedpur, India
Summer Trainee *Jul. 2019 - Aug. 2019*
 - Worked at the Mobile and web team (TMH Vishwas)
 - Employed Django REST framework to design REST API
 - Implemented OAuth2 authentication into application
 - Leveraged account verification process by 60% using mobile verification and OAuth2
- **FOSSEE 2019 IIT Bombay Summer Fellowship** IIT Bombay, India
Summer Intern, Fellow *May. 2019 - Jun. 2019*
 - Integrated feature for multiple uploads of media & documents and their organised display
 - Developed API in django that allows CRUD operation on MySQL database
 - Represented data visualization on Pantheon dataset using D3.js
 - Implemented multiple iterations of the prototype and presented them for evaluation

EDUCATION

- **University Institute of Technology, Burdwan University**
Bachelor of Engineering in Computer Science and Engineering; Percentage: 78.3% *Aug. 2016 – Aug. 2020*

SELECTED OPEN-SOURCE PROJECTS

- **Lastleaf (Soracom Cellular IoT Challenge)**: Lastleaf rescues from road accidents by sending automated SOS using Raspberry Pi, Android application, Soracom service and Internet. It was listed among the hardware winning ideas.
- **TeamSpeak - Chat platform**: TeamSpeak helps in event participation in collaborative way where one can discuss on topics. It integrates with Directi's Codechef as chat platform using Codechef OAuth2 API, Alibaba Cloud ECS and RDS. Implemented socket.io on Node.js and MongoDB. It is dockerized to run on cloud server.
- **Pragati (AngelHack Jaipur 2018)**: An Android application that enables needy people have a free meal.
- **Plagiarism Scanner (TATA Crucible Hackathon 2018)**: Coordinated a team of three to prepare a django web service that seamlessly integrates with TATA Crucible's platform and scan for plagiarized content in submissions using web scraping and NLP.

RELEVANT SKILLS SUMMARY

- **Technologies**: C/C++, Java (Swing, Spring boot, hibernate, Android), Python (Django, Django REST Framework, Flask), JavaScript (D3.js, Node, Angular, RxJS), HTML5, Git, Docker, Firebase, MySQL, Oracle, SQLite, MongoDB, OAuth2, Serverless, AWS, Elastic compute, CI/CD
- **Areas of Proficiency**: Data Structures & Algorithms, Cloud computing, Frontend, Backend, APIs, Strong communicator

AWARDS AND RECOGNITION

- **Group leader, Digital Image Processing**: Lead the final year project team at university
- **Hackerrank**: Bagged gold medals for problem solving, Java, C++ and silver medal for Python
- **TCS Codevita 8**: Ranked 151 in zonal and overall 875 out of 55654 candidates
- **Codechef - Alibaba Cloud API Hackathon (Ranked 23rd in 2285 teams)**: Directi, Intel, Alibaba Cloud, 2018
- **Young Scientist Award**: University of Burdwan, 2018
- **2nd, State level, Govt. of India**: Trophy in IT Talent Search '15 while competing against schools from 23 districts