HARSHIT SINGH

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B.Tech-Junior Year Petroleum Engineering
Rajiv Gandhi Institute of Petroleum Technology
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EDUCATIONAL BACKGROUND

Degree/Exam	University/Institute	CPI/CGPA/%	YYYY
B.Tech (Petroleum Engineering)	Rajiv Gandhi Institute of Petroleum Technology, Jais	8.39 (till 5th sem)	2019-2023
Intermediate/+2 (ICSE Board)	St. Xavier's College, BHEL Jhansi	88.67%	2018
Matriculation (ICSE Board)	St. Xavier's College, BHEL Jhansi	90.67%	2016

INTERNSHIPS

1. **Kylo Apps**
   Job role - Flutter Developer   May 2022 – Present
   - App Development on production apps
   - Building User Ready Application and posting it on Play Store and App Store.
   - 7 Apps published to play Store and 2 to Apple App Store

2. **ONGC Mehsana**
   Job role – Summer Trainee   May 2022 – July 2022
   - Crude Oil Handling and GGS
   - Studied all the operation of SOB CTF and nearby CTFs.
   - Visit to Drilling rigs that include CARTWELL-6 snd INS 1500

3. **Cogent WebServices**
   Job role - Flutter Developer   August 2021 – December 2021
   - App Development which include frontend and API integration.
   - Various third party Plugin including Agora Chat SDK and Firebase Authentication, Cloud Messaging, Ads

RESEARCH PROJECTS

1. Mobile Application for GatePass. **RGIPT, Amethi** • Science and Technical Council | Mentor: Dr. Susham Biswas • Android Application Development using Flutter and Dart. • Two Apps, one for Students, another for Administrator • Student of Institute can apply for gate pass using the app, for local and overnight stay. • Login from Institute email id to auto fetch roll no. and other Information • Backend service used is Firebase Firestore	Jan 2022
2. **Synthesis and Characterization of SDS Polymeric Surfactant for EOR applications..** • B.Tech Project | Supervisor: Dr. Shivanjali Sharma • Synthesized an anionic polymeric surfactant for SP flooding, to reduce IFT with advantageous viscosity control • Analyzed the product by measuring Surface Tension, Contact Angle, and Core Flooding Experiments.	July 2022
3. **3. Permeability estimation from Petrophysical Data using Machine Learning.** • B.Tech Project | Supervisor: Dr. SK Sinha(HOD) • Analyzed well log data of Volve field in the Norwegian North Sea, for permeability relations. • Developed a machine-learning solution with estimation of lithology and water saturation at different depths.	December 2021

SKILLS & INTEREST

- **Programming Skills:** App and Web Development,Node.JS, Laravel, Flutter Machine Learning, Data Structure, and Algorithms
- **Software:** Matlab, CMG, Ecrin, Auto-Cad, Adobe Photoshop, Adobe XD, Figma
- **Computer Languages:** Dart, Java, C, C++, R, Python, HTML, CSS, JavaScript, PHP.
- **Interpersonal Skills**: Leadership, Problem solving, Strong communication Skills

AWARDS & ACHIEVEMENTS

1.	Mentor of the winning team Ideal Bits, Smart India Hackathon-2022(Asia's Biggest Hackathon)	February'22
2.	Economic Times Campus Stars 5.0, among top 91 students all over India.	December'21
3.	Selected for Prime Minister's Scholarship for CAPF for three consecutive year.	
4.	Selected as Tutor to conduct Weekly tutorials of Programming(C, Python and MATLAB) for Freshman Year.	November' 21
5.	Qualified IIT JEE ADVANCE 2019 with AIR 13137	April' 21
6.	Qualified UPSEE/UPTU 2019 with AIR 276	October'21

EXTRACURRICULAR ACTIVITIES

1.	President at OWASP RGIPT	Sept 2021
2.	Overall Co-ordinator Winter School, RGIPT	2022
3.	Tinkering lab Co-ordinator Science and Technical Council, RGIPT	2021-2022
4.	Senior Technical Head at ACM RGIPT Student Chapter	2021-2022
5.	Volunteer at Unnat Bharat Abhiyan cell	2019-2020
6.	Flutter Teacher at Kode Club, Science& Technical Club, RGIPT	Sept 2021
7.	Content Writer and Social Media Handler at SEG RGIPT SC.	2020-2021
8.	Geophysical Exploration Field Trip to Barren Land of Bundelkhand, India under guidance of Dr. Satish K Sinha.	Dec. 2021
9.	Teacher at Gyan-Arpan, an initiative by Social Club Arpan, to teach underprivileged students of nearby villages.	Sept. 2020
10.	Head Boy, St. Xavier's College.	2017-2018

Harshil

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