



ANUBHAV DHAL

| EDUCATION | | | |
|---|--|--|---------------------------|
| M.Sc. (Hons.), Mathematics B.E. (Hons.), Electrical and Electronics Engineering | BITS Pilani - Goa Campus | 7.93 CGPA | 2024 |
| CBSE (CLASS XII) | DELHI PUBLIC SCHOOL BHANKROTA JAIPUR RAJ | 94.4 % | 2018 |
| CBSE (CLASS X) | DELHI PUBLIC SCHOOL BHANKROTA JAIPUR RAJ | 10 CGPA | 2016 |
| WORK EXPERIENCE | | | |
| Amazon Development Centre India Pvt Ltd, Software Development Engineer Intern - Transportation Technology | <i>Received Letters of Recommendation from Engineering Manager & SDE-3 for exemplary work.</i> <ul style="list-style-type: none">Synthesized a robust monitoring system on AWS for key metrics, to handle 7M+ calls/day.Delivered 3K+ lines of production code for a tier-1 service owning critical business logic.Engaged with crucial stakeholders to design an API testing strategy for ambiguous cases.Developed comprehensive end-to-end integration tests for a new microservice from scratch.Achieved an increase in bug detection by elevating unit testing coverage from 60% to 95%. | | Jul 2023 - Dec 2023 |
| DomTech Robotics and Automation, Project Intern | <i>Presented the final presentation to the founder & earned an A grade (academic internship).</i> <ul style="list-style-type: none">Designed a prototype of an off-board electric vehicle DC fast charger from the ground up.Tailored the model for use at 10 charging stations along the Mumbai-Pune Expressway. | | May 2021 - Jul 2021 |
| POSITIONS OF RESPONSIBILITY | | | |
| Sub-Coordinator, The Music Society, BITS Goa | <ul style="list-style-type: none">Led talent acquisition, selecting 10 musicians from 400+ applicants for club-induction.Executed end-to-end coordination for 4 live music events, generating an avg. footfall of 700+.Deployed influencer marketing tactics, yielding a 50% (YoY) growth in Instagram followers.Created the annual fund, securing INR 1.1L, the highest amongst campus performing clubs. | | May 2021 - Jul 2022 |
| Teaching Assistant, Dept. of Mathematics | <ul style="list-style-type: none">Guided over 900 first year students for Mathematics-II (Linear Algebra & Complex Analysis).Mentored & took seminars throughout the semester for building foundation in abstract math. | | Feb 2022 - Aug 2022 |
| Senior Consultant, 180 Degrees Consulting | <ul style="list-style-type: none">Led a team of 8 consultants providing the client (Eddison Wordplay) with competitor analysis.Employed data-driven insights to optimize the US market entry for a merchandise company. | | Jul 2021 - Sep 2021 |
| Mentor, Peer Mentorship Program | <ul style="list-style-type: none">Mentored 6 first year students, ensuring smooth on-boarding with campus culture.Conducted targeted doubt-clearing sessions addressing academic & extracurricular queries.Organized seminars with seniors & alumni to help students make informed career decisions. | | Nov 2020 - Aug 2021 |
| PROJECTS | | | |
| Design Of Good Code Sets Using Optimization | <ul style="list-style-type: none">Improved efficiency of MIMO radar code sets by optimizing randomly generated code sets.Utilized MOPSO Algorithm, later switched to NSGA-2 , resulting in 27 % improvement. | | Sep 2022 - Dec 2022 |
| Certificate Verification System (Cybersecurity) | <ul style="list-style-type: none">Led & collaborated with a team of 3 developers and stakeholders to develop a Python-GUI.Implemented a 3rd party verification system using local CA with x509 library as the back-end. | | Jan 2023 - May 2023 |
| EXTRA-CURRICULAR ACTIVITIES | | | |
| Technical | <ul style="list-style-type: none">Secured internship offer from GreenCell Mobility (backed by Everstone group - assets in excess of \$6 B) after presenting customer experience strategy deck for their B2C operations - NueGo, India's 1st intercity EV Bus.Authored an onboarding guide which featured as the top post on Amazon's internal tech support forum. | | |
| Guitar & Music | <ul style="list-style-type: none">Performed at 30+ live music events, including the QS World Summit - India, in front of international delegates from eminent academic institutions and the honorable Ministers of External and Parliamentary Affairs.Granted a Certificate of Recognition from the honorable Chief Minister of Goa for outstanding musical talent.Cleared Grade 1 in Guitar from Trinity College London with Distinction. Scored 100/100 in the Hindustani Classical Music board examination. Ranked 2nd/80 in the national inter-college solo instrument competition. | | |
| SKILLS | | | |
| Technical Proficiency | Java, TypeScript, AWS, C++, Microsoft Office, SQL, Agile Methodologies, MATLAB, Stakeholder Management | | |
| BASIC INFORMATION | | | |
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