AB SATYAPRAKASH

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EXPERIENCE

Oracle - Fusion Cloud Applications Team
Applications Development Intern

📅 May 2021 – July 2021 📍 Hyderabad, IN

- Enabled Oracle Digital Assistant on Oracle Journeys, empowering employees with AI to seamlessly create, explore and complete their journeys.
- Used Oracle Cloud Infrastructure's NLP models for named-entity recognition and key phrase extraction along with bots-node-SDK for ODA integration in a NodeJS Express environment.
- Performed code testing with a 90% coverage using the JEST framework and documentation using JSDocs.

Major League Hacking - Fellowship
MLH Fellow, Fall'20

📅 Sept 2020 – Dec 2020 📍 Remote

- Worked with numerous frameworks like Flutter, ReactJS, Django, NodeJS, Godot to 2 win hackathons and build 6 Open-Source projects from scratch, contributing to domains like education, healthcare, machine-learning, DevOps, and social-good.
- Received the fellowship becoming one among the 170 fellows from over 30k applicants.

PROJECTS

INR Dose Adjustment Application
Sağlık Bilimleri Üniversitesi, Turkey

○ git.io/JBVWU ▶ bit.ly/inr-ayarla

- Built an INR monitoring application with Flutter for doctors to add medicine notes, modify dosage, transfer patients, and share prescriptions or test results.
- Implemented cloud notifications with NodeJS and FCM for medicine reminders, chat messaging, or emergency alerts.

Technothlon Website
Techniche, IIT Guwahati

🌐 technothlon.techniche.org.in

- Revamped the whole website using Laravel as back-end along with jQuery and Sass for a responsive front-end. The website had over 1 million hits and was used by more than 60k participants.
- Designed and built a user panel for participating schools to supervise their students' registration details.

AG Healthcare
Students Web Committee, IIT Guwahati

○ git.io/Jtuwu ▶ bit.ly/ag-health

- Developed a cross-platform mobile application for Dr.Amit Goel's hospital and deployed it to Google Play Store.
- Used Flutter and Firebase to incorporate authentication, appointment booking, payment integration, real-time chat, video-calling, medical blogs, and awareness videos.

EDUCATION

B.Tech, Mathematics and Computing
Indian Institute of Technology, Guwahati

🏆 CPI : 9.00 📅 July 2018 – Present

TECHNICAL SKILLS

C/C++ JavaScript Python Java
HTML5 CSS/Sass Flutter React
NodeJS Laravel Jest Hugo MySQL
Firebase Git Linux LaTeX Oracle JET
Oracle APEX Oracle Digital Assistant

ACHIEVEMENTS

Competitive Programming
Achieved maximum rating of 1621 (Expert) on Codeforces and 1886 on CodeChef.

CodeChef April Challenge 2020
Secured Global Rank 58 among 23289 participants.

KVPY Exam - 2017
Awarded the prestigious national research fellowship by securing AIR 701.

Joint Entrance Examination - 2018
Secured AIR 2854 in JEE Advanced and AIR 3143 in JEE Main.

Indian National Olympiads - 2018
Qualified NSEC, NSEP, and was in the top 1% of nearly 40000 participants for INChO.

KEY COURSES TAKEN

Data Structures Algorithms Databases
Computer Networks Operating Systems
Probability Theory Financial Engineering

RESPONSIBILITIES

Students Web Committee 2021
App Development Head - Flutter

EXTRACURRICULARS

Manthan 2019
Won 4th position in the band and solo vocal performances as a part of Manthan 2019.