Manish Prajapati

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EDUCATION

Indian Institute of Technology Guwahati, India   Jul 2019 - Jun 2023
Bachelors of Technology in Mathematics and Computing   GPA: 7.71/10.0

EXPERIENCE

Microsoft : Cloud and Artificial Intelligence   May 2022 - July 2022
Software Engineer, Internship   Hyderabad (Remote), India

- Built an application from scratch to automate the activities handled by DRI in day-to-day support for the MS PlanCast team and also generic to empower teams providing DRI support in the organization with minimal effort, therefore, increasing efficiency and saving time for the DRI support
- Key technologies used: **ASP.NET Core** for building RESTful APIs following hexagonal architecture to keep the system generic, **Azure Cosmos DB** for NoSQL Database management, and other **Azure Services** for timely and high-quality service.

GoX   May 2021 - June 2021
Full Stack Web Development, Internship   Chennai (Remote), India

- Authentication and Extraction of the Data for the user from **TikTok** and **Microsoft** Advertisement API.
- Enhancing the data shown to user for all metrics and dimensions using SQL database.
- Key technologies used: **NodeJS** for backend, **Alasql** for SQL database, **Grant** and **oauth2** for user authentication, **SOAP** and **REST** API for getting data from Microsoft, and TikTok Advertisement API.

PROJECTS

CodeForces Crawler   December 2020
Coding Club, IIT Guwahati   website

- It helps the user to analyze their CodeForces profile in a better way by displaying graphs and charts of their ratings, ranks, problems solved, and also there is a recommendation system to provide the user the problems and Virtual Contests.
- Key technologies used: **Django** for backend, **Chart.js** for displaying charts, **Beautiful Soup** for Web Scrapping.

Intern Fair Website   December 2020 - January 2021
E-Cell, IIT Guwahati   website

- A web framework for students to apply for internships and for the recruiter to hire interns under the Udgam (The Annual Entrepreneurship summit of IIT Guwahati).
- Key technologies used: **Django** for backend.

TECHNICAL SKILLS

Programming languages: C++, C, Python, C#   **Database Management:** MySQL, Cosmos DB
Web Technologies: HTML, CSS, Django, JavaScript, Node.js   **Miscellaneous:** Azure Services, Git, Shell

ACHIEVEMENTS

Google Kick Start	Secured **Global Rank 1935** among 10933 participants in Round D.	2021
JEE	Achieved **AIR 2820** in JEE Advanced and **98.89 percentile** in JEE Main among 0.17 and 1.2 million candidates respectively.	2019

RELEVANT COURSEWORK

Computer Science: Data Structures and Algorithms, Database Management Systems, Operating Systems, Computer Networks
Mathematics: Optimization, Discrete Mathematics, Probability and Random Processes, Statistical Inference and Multivariate Analysis, Number Theory and Algebra, Linear Algebra, Monte Carlo Simulation
Finance: Financial Engineering, Stochastic Calculus for Finance, Computational Finance

POSITIONS OF RESPONSIBILITY

Student Representative, DUPC Mathematics: Aug 2021 - July 2022
Lead the student's voice before the department to resolve conflicts and incorporating suggestions.

Manager, Udgam: 2020 - 2021
Organized Intern Fair, managed 42 startups and 300+ students, under Udgam.