

Manduri Uday Kiran

B. Tech, Chemical Engineering, IIT Bombay

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Work History

Frontend Developer, The Minimalist
July '17 – Sep '17

- Developed the frontend for multiple websites
- Worked on **Angular JS, HTML5, Node JS, Django**
- Collaborated with User Interface and User Experience teams
- Optimized applications for maximum speed and scalability

Backend Developer, Azuro.in
May '16 - Jul '16
(Internship)

- Developed backend infrastructure of the product on **Ruby on Rails**
- Implemented search/filter features using **test-driven development**
- Built user authentication system in website's admin dashboard
- Achieved 20% increment in website hits by making site user-friendly using **Ajax**

Web Manager, Techfest
Apr '15 - Mar '16
Asia's Largest Science and Technology Festival

- Developed Official Website of Techfest which garnered **4 million hits**
- Led a team of **10 volunteers** in the development of official website and 4 microsites
- Organized an online crypt hunt Segreta, received 280,000 hits over 3 days from 24 countries
- Initiated and led the adoption of **iBeacon technology** in Android App of Techfest that provided real-time updates all around IITB campus

Skills

Programming : C/C++, PHP, SQL, Python, C#

Web: Ruby on Rails, AngularJS, Laravel, Bootstrap, MySQL, PostgreSQL, Ajax

Software : Visual Studio, MATLAB, Scilab, LATEX

Academic Project

Optimization of resources under rural PHC's [May '16 - Jun '16]

Guide: Prof. Bakul Rao, CTARA, IIT Bombay

- Performed a **literature survey** on the population served by PHCs in Osmanabad district
- Implemented combinatorics and k-ary trees in **C++** to analyze possible solutions
- Suggested implementation of **Multi-Knapsack problem** in optimization of resources

Education

IIT Bombay
2013-2017

Bachelor's in Technology(B.Tech), Chemical Engineering
Aggregate: 5.94/10

Narayana Junior College
2011-2013

12th, Andhra Pradesh Board of Education
Aggregate: 93.1%

Miscellaneous

- Taught 100+ underprivileged students during the Educational Outreach program of NSS
- Structured Internet for All campaign, empowered 48,000+ students across 50 villages
- Ideated and executed social initiative ReCycle to promote awareness on global warming, health and fitness in 25 colleges, followed by a Cyclothon with 1300+ participation
- Extensive user of Quora, Reddit and avid reader of novels