Nilesh Prasad

https://nileshprasad137.github.io/

Education

• Vishwakarma Institute of Technology	Pune, India
• B. Tech in Computer Engineering: CPI: 8.2/10 (Till Sem 6)	<i>Aug. 2015 – June. 2019</i>
• Thakur Vidya Mandir High School and Jr. College	Mumbai, India
HSC : Score: 85%	March 2015
• Lakshdham High School	Mumbai, India
ICSE : Score: 93.5%	March 2013
EXPERIENCE	
• TomTom • Software Development Intern • Six Month Intern under TomTom Maps Team.	Pune, India July 2018 - Present

Google Summer of Code 2017

Student Developer

• Selected to work under open-source organisation LibreHealth on LibreHR application.

- Replaced Smarty Template Engine with PHP's native templating system and used MVC approach to maintain separation of business logic and presentation..
- Improved Client-Side Validation, worked on cross-device UI responsiveness, and resolved several bugs.

Open Source Contributor

Developer / Community Member

- Volunteered as a backup mentor for **Google Summer of Code'18** and **Google Code-In'17** to help newcomers join LibreEHR project.
- Reported several issues and sent several commits/patches to LibreEHR application to fix bugs.
- Reported few bugs in Joomla projects (Joomla CMS and Joomla Websites).

Projects

- Automated Essay Grader: Ongoing project based on Machine Learning to extract features from essays and train using suitable Machine Learning Algorithm to grade essays.
- Notice-Feed Chrome Extension: Developed an API to fetch latest notices from college website using web scrapping. Plugin parses this API and uses Chrome Rich Notifications API to notify when new notice arrives on college website.
- Meeting Room: Minimal Discussion forum developed using Laravel Framework. Implemented all CRUD operations and used Laravel ORM for database operations.
- Gyan Shodh: Part of state government project to develop educational wikipedia like portal for kids in Marathi Language.
- Student Result Analysis System: Developed an application using C++ and SimpleCPP graphics library to import data from Excel File to plot histograms and analyse results using various statistical measures.

Skills

- Languages: C/C++, Java, PHP, JavaScript, Python(Familiar), SQL
- Relevant Skills: Git, Chrome Extension Development, Web Scraping, Docker(Familiar)

CO-CURRICULAR ACTIVITIES / ACHIEVEMENTS

- Digital Ocean Campus Shark 2016 Hackathon: Among Top-25 teams nationwide in the product development hackathon. Presented prototype on the theme of Swachh Bharat.
- Competitive Coding: Secured 4-Bronze Medals at HackerRank for being among top performers in rated contests.
- Winner at Campus Hackathon: Won 72-hr application development hackathon organized in college.
- C-Athlon Winner: Won C/C++ programming competition organised at college festival.

Remote May 2017 - Aug 2017

Remote

Feb 2017 - Present