

Nilesh Prasad

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EDUCATION

Vishwakarma Institute of Technology, Pune, India

- B.Tech in Computer Engineering , 8.23/10 (Till Sem-5) Aug 2015 – May 2019

Thakur Vidya Mandir High School and Jr. College, Mumbai, India

- H.S.C, 85% May 2013 – Mar 2015

Lakshdham High School, Mumbai, India

- I.C.S.E, 93.5% Mar 2013

EXPERIENCE

Student Developer, Google Summer of Code 2017

May 2017 – Aug 2017

- Selected to work under open-source organisation LibreHealth on LibreEHR 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.

VOLUNTEER EXPERIENCE

Mentor, Google Summer of Code 2018

Mar 2018 – Present

- Mentoring open-source projects at LibreHealth during Google Summer of Code 2018.

Mentor, Google Code-In 2017

Nov 2017 – Jan 2018

- Mentored pre-university students to start contributing to open-source projects.

Open Source Contributor

Jan 2017 – Present

- Sent several commits/patches to LibreEHR application to fix several bugs.
- Reported issues/bugs in core Joomla CMS and LibreEHR applications.

SKILLS

- **Programming:** C/C++, PHP, JavaScript, Python(Basics), Java(Basics), SQL
- **Relevant Skills:** Git, Chrome Extension Development, Web Scrapping

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 ChromeExtension

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.

▪ MeetingRoom

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.

Our team developed the web application. Project included ontology parsing and integration of third party APIs for translation and virtual keyboards.

▪ 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.

CO-CURRICULAR 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 **3-Bronze Medals** at HackerRank for being among top performers in rated contests.

▪ Winner at Campus Hackathon

Won 72-hr application development hackathon organized by college's programming club on the theme of Student Portal.

▪ C-Athlon Winner (C/C++ programming competition organised at college festival)