Ankan Poddar

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
B.Tech in Computer Science
Expected 2020 | WB, India
CGPA: 9.34

SUDHIR MEMORIAL INSTITUTE
Grad. 2016 | WB, India | 94.8 %

RAMAKRISHNA MISSION VIDYAMANDIR KATIHAR
Grad. 2014 | Bihar, India
CGPA 10.00

SKILLS

PROGRAMMING
Python • JavaScript • C++ • C
Shell • Octave

WEB DEVELOPMENT
Frontend
HTML5 • CSS3 • Bootstrap
Jquery • React • Redux
Vue.js • Jekyll • Angular
Backend
Django • Flask
Hosting
Nginx • Gunicorn

AUTOMATION/BUILD TOOLS
Docker • Travis

DATABASES
MYSQL • Postgres

VERSION CONTROL SYSTEMS
Git

PLATFORMS
Linux • Mac OSX
Windows • Android

EXPERIENCE

GOOGLE SUMMER OF CODE | Student Developer
May 2018 - August 2018 | University of California Santa Cruz, CA, USA
- Working with CROSS as a student developer, my project included adding features (most notably, the archival feature) to the Popper CLI tool, which aims to simplify experimentation using a DevOps approach
- I also added many other sub-commands and created a badge server

SHOPIZLE INC. | Software Engineering Intern
May 2018 – November 2018 | Cupertino, CA, USA
- My major task was to work on the frontend of their website, built with React, adding new features and updating and fixing existing features
- I also worked on the backend, mainly doing email and website scraping (with selenium) and database and API integration

GNU/LINUX USERS' GROUP | Open Source Developer
Jan 2017 – Present | Durgapur, WB, India
- I worked on the online events of the club like FreeMex (using Django)
- Alongwith a team, I created the website of our college, using Vue.js and Django, and am currently responsible for its maintenance
- I also helped build the website of the club, using Vue.js and Django

RESEARCH

AUTOMATED ROOT CAUSE ANALYSIS
Aug 2018 – Present | University of California Santa Cruz, CA, USA
The aim of this project is to look at the performance variation and dependencies of different applications in different environments and device an algorithm to come up with the root cause of the variation automatically.

DETECTING HEART DISEASE FROM BIOLOGICAL PARAMETERS
Dec 2018 – Present | NIT Durgapur, WB, India
Working with biological parameters, with data mostly coming from phonocardiograms, the aim of this project is to come up with a Machine Learning algorithm to predict if a person is likely to have a heart disease.

PROJECTS

CONTRIB | Webapp
Uses GitHub API to track the open-source contribution of a user

PYZAPP | CLI Tool
An utility to schedule and automate sending messages on WhatsApp

WEBSITES | Blog and portfolio
A blog with Jekyll and portfolio website with Angular

AWARDS

2012	All India Rank 53	Unified Cyber Olympiad
2012	Science State Topper (Bihar)	IAIS Exam (conducted by UNSW)
2013	33rd rank in Junior Squad	Technothlon (conducted by IIT Guwahati)