

Pratyush Kumar

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Education

Heritage Institute of Technology, Kolkata

Information Technology , B.Tech 7.89 CGPA

Kolkata, WB

2018–2022

Oxford Public School, Muzaffarpur

Physics Chemistry Maths, Intermediate 78.2 percent

Muzaffarpur, Bihar

2017

Sainik School, Kapurthala

Science, Matriculate 9.6 CGPA

Kapurthala, Punjab

2015

Experience

Aptiv

Software Engineer

Bangalore, India

Oct 2022–present

- Worked on development and verification of Radar Software for various OEMs like Honda, Nissan, BMW.
- Validated and analyzed the vehicle logs on the ORCAS tool to fine-tune SIL.
- Integrate ADAS (Advanced Driver Assistance System) software algorithms provided by other teams.
- Develop and apply built scripts and fix bug continuously as new software versions are delivered into the project.
- Run and test multiple scenarios based logs which is collected by real time vehicles and create reports.
- Got opportunity to have hands-on experience of C++.
- Experience with windows and linux environment.
- Worked on coverity i.e static analysis tool to identify and fix software vulnerabilities such as software quality and security.
- Worked on tools: Plastic SCM, JIRA, Visual studio, CMake, Putty, WinSCP, VNC, ORCAS, Git, Gerrit, Gitlab, Jenkins.
- Implemented the CMake scripts to create adaptable solutions between windows and Linux environments.

Cognizant

Intern

Remote, India

April 2022–Oct 2022

- Completed programming tasks and learning on daily basis.
- Get familiar with visual studio, Visual Studio Code, Github, Gitlab.
- Made College management system with team using HTML CSS JavaScript React JS.

Projects

Docker

- Created Docker for OEM Honda and BMW.
- Added all the required decoders which could be used for running logs.
- Added all the required configurations and settings.
- Modified pre-written bash scripts to generated image and .tar files
- These .tar and .img files could be further used to test various logs of multiple scenarios.

Automated Build fix verification

- modified pre existed jenkins script to verify build is happening on main branch.
- After verification it will send mail to all the respective owner about the jenkins job whether its failed or pass.

Coding Profiles

 Codechef

 Hackerrank

 LeetCode

 GeeksForGeeks

 GitHub

Skills

Git/Terminal, VS Code, HTML, CSS, C++, JavaScript, SQL, Operating System, DBMS, Object-oriented programming, Data Structures, Algorithms, Problem Solving

Achievements

Problem solver(intermediate)	Hacker rank
Problem solver(basic)	Hacker rank
5* at Hacker rank	Hacker rank
3* at code chef	Code chef
AIR 7 in defence category in BCECE	Jun 2018
AIR under 1000 in marine engineering entrance examination	Jun 2018