

Arpit Thool

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EDUCATION

Virginia Tech

M.S. in Computer Science

Blacksburg, Virginia

Aug 2021 - Present

- Relevant Coursework : CS 5704 Software Engineering, CS 5604 Information Storage and Retrieval

Savitribai Phule Pune University

Bachelor's in Computer Engineering (B.E.)

Pune, India

Aug 2016 - May 2020

- Graduated with First Class Distinction
- CGPA : 9.06/10
- Relevant Coursework : Data Structures & Algorithms, Object-Oriented Programming, Computer Graphics, Database Management Systems, Software Engineering and Project Management, Software Testing, Information Systems, Computer Networks, Operating Systems, Web Technology, Cyber Security, Cloud Computing, High-Performance Computing, Artificial Intelligence, Data Mining, Data Analytics, Machine Learning

WORK EXPERIENCE

Acquia

Associate Software Engineer

Pune, India

Sep 2020 - July 2021

- Part of the Marketing Cloud team, collaborated within a team of eight people on the "Campaign Factory" product. Had daily scrum meetings and sprint reviews at the end of each sprint.
- Daily activities included having discussions on new tickets and refining them, fixing bugs, implementing new backend functionalities, writing unit and functional test cases, reviewing Pull Requests on GitHub, and creating new tickets to improve efficiency or add new features to the product.
- Consistently contributed significantly in every sprint with an average of 5 to 6 points per sprint.
- Technologies learned and used: PHP, Laravel, Symfony, MySQL, Redis, VueJS, and Docker.

Technogong

Software Development Intern

Pune, India

Sep 2019 - Mar 2020

- Developed 'Bizhawk', an android app for managing day-to-day activities in a restaurant for Technogong, a digital marketing startup.
- Created wireframes for various app activities, implemented app activities in Java, wrote PHP scripts to run on a LAMP server and wrote test cases using JUnit and PHPUnit.
- Collaborated within a team of four people and followed Agile principles, had daily scrum meetings to meet sprint goals.

PROJECTS

Car Mapping ([GitHub link](#))

Nov 2021

- Hosted a web app using flask on Heroku to solve a competitive coding task, the database was implemented using MongoDB.
- Built a CICD pipeline using a Jenkins server, and GitHub webhooks.
- Wrote test cases to cover edge cases, which were run on the Jenkins server, on each build.
- Collaborated within a team of three people and followed the Agile Process Model for the development process.

MVP Office Supplies ([GitHub link](#))

Jan 2021

- Developed a local website for buying office supplies.
- Used Symfony web framework and implemented the database using MySQL.
- Used VueJS for the front end.

Tic Tac Toe AI ([GitHub link](#))

Nov 2018

- Created an Android app in Java, for playing the Tic Tac Toe game between two players or against the computer.
- This project was implemented for the 'Software Engineering and Project Management' course during my bachelor's.
- Created the software development process report, which included the requirements, planning and other technical aspects.

SKILLS

- **Programming Languages** : PHP, Java, Python, C++, C
- **Database Technologies** : MySQL, Redis
- **Other Technologies** : Laravel, Symfony, VueJS, Jakarta, Linux, AWS, Docker, Jenkins, Git & GitHub