SARTHIK BHAT

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Experience

Senior Product Engineer - LTIMindtree   **July 2021 - Present**

- Extensively worked on **Spring Boot** microservices architecture to develop a web platform for improving overall Software Development Life Cycle by providing end to end correlation from User Stories to Test cases to Code Files, using **Angular**, **Java**, **Spring Boot**, **MongoDB** and **PostgreSQL.**
- Worked on getting transactional details from the target application for **frontend** as well **backend** transactions to be analyzed during test automation to get the **test cases** to **code files** correlation to identify the changed files and test cases affected between two builds which reduced the total testing effort by **20%.**
- Developed a chrome browser extension using **Angular** to perform manual test case execution and instrument the frontend code files for test cases.
- Extensively worked as a **Full Stack Developer** to develop and integrate various new features as well bug fixes.
- Implemented unit testing for **Java** as well **Angula**r using **Junit**, **Mockito** and **Karma.**
- Developed the end to end declarative CI-CD pipeline for the project to build only the changed micro services during auto-deployment using **Jenkins** with **GitLab** as the version control tool.
- Extensively involved in maintaining the development servers and code repository on **GitLab** as well as improving code quality by following standard coding practices and performing **peer code reviews**.

Software Development Intern- Addictive Media   **June 2020 - Jan 2021**

- Developed a mobile app (platform for car-resale) using **React Native** and **ExpressJS** for Big Boy Toyz Ltd to cater the customer needs of having a handy solution for their car sale and resale requirements.
- Hosted the app the both App Store as well Google Play Store with over 100K+ downloads. **Android App | IOS App**
- Reduced load time on website by optimizing **API** calls using improved **SQL** queries and schema as well as lazy loading on the **frontend**.

Education

BE - Computer Engineering Dwarkadas J. Sanghvi College of Engineering	2017-2021	**9.0/10**
HSC - St. Xavier Convent Sr. Sec. School, Jammu	2016-2017	**87.2%**
SSC - St. Xavier Convent Sr. Sec. School, Jammu	2014-2015	**91.2%**

Skills

Languages:	Java, JavaScript, Python (Basics)
Frameworks:	Angular, ReactJS, Node.js, Express, React-Native, Spring Boot.
Tools and Software:	SQL, MongoDB, Jenkins , PgAdmin, Azure ADO, HeidiSQL, Elastic APM, Kibana, Git, Github, Gitlab, Eclipse, VsCode, Tomcat, Junit, Eclipse, Tomcat, Chrome Extension Development.

Projects

FOODGAPP – Final Year BE Project   Code

- Developed an intuitive food detection application using **React Native** and **Express**.
- An input image of ingredients from the refrigerator was used to give possible set of recipes based on the input ingredients.

COPTIME - Smart India Hackathon 2020 (Campus Winners)   Code

- Developed a real-time emergency/ crime reporting system (mobile app) using **React Native**.
- Shortest path to victim's location is shown on map to the volunteers who can call/live chat with the victim

Awards and Recognitions

- Received "Pat on the Back" award for excellent contribution with regards to all round product development and timely delivery of all the deliverables.

Activities and Personal Details

- Actively participated & lead teams in 8 hackathons over 2 years with Finalists of the Smart India Hackathon – 2019 and Campus Winner of the Smart India Hackathon – 2020.
- Head of the college street play team (DJSCE AURA) which performs street plays on various socioeconomic issues and has won competitions nationwide (Stood 5th at IIT Kharagpur).