

# MUSKAN AGGARWAL

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## PROFESSIONAL EXPERIENCE

### SwapSpace, Dubai, UAE

Jun 2023 - Sep 2023

#### Mobile Application Developer Intern

- Collaborated with seniors to develop the organization's official mobile application using Flutter and React Native.
- Contributed to the creation of user-friendly and visually appealing mobile interfaces with Expo and tailwind CSS.
- Played a vital role in reducing app crashes by 20% through thorough debugging and performance optimization efforts.
- Implemented new features and enhancements, like user authentication, real-time notifications, in-app navigation.

### Avalon Information Systems Pvt. Ltd., Delhi, India

Jan 2020 - Sep 2022

#### Software Engineer

- Designed and launched an educational Flutter based bilingual mobile application with responsive design for android and IOS platforms that tracked teacher-student activities during the COVID-19 pandemic.
- Integrated HIVE database (noSQL approach), resulting in efficient data management with a 15% increase in user engagement and 40% deduction in loading time for applications based on React Native and Flutter.
- Developed, implemented and deployed dashboard and several highly complex modules using Angular and React(NextJS) frameworks, resulting in a notable reduction of application load time by 35%.
- Designed and executed high fidelity prototypes into pixel-perfect user interfaces using HTML, CSS, and Bootstrap to meet strict user requirements, resulting in an increase of 25% in positive user feedback.
- Collaborated with senior developers and cross functional teams to create technical specifications and test plans for updating web application tech stack operating multilingually to the latest versions of Angular and Php, resulting in 20% decrease in bug issues.
- Managed tasks using JIRA and BitBucket to ensure successful completion of assigned issues and bugs within sprint deadlines while consistently prioritizing tasks which contributed to a team-wide 20% increase in sprint completion rates.

### Amorfos Enterprises, Delhi, India

Aug 2019 - Sep 2019

#### Web Developer Intern

- Collaborated with developers to design and develop the company's application using HTML, CSS, SASS, and Bootstrap.
- Led teams to enhance performance for efficient applications while utilizing strong analytical and problem-solving qualities.

## TECHNICAL SKILLS

Angular, NextJS, React, node.js frameworks, JavaScript, TypeScript, JQuery, HTML, Pug, CSS, Tailwind CSS, SASS/SCSS, Grid Layout, Bootstrap, FIGMA, AdobeXD, Flutter(Dart for Android, IOS), Java/Kotlin, Swift, Gradle, XCode, React Native, ASP.NET MVC architecture, C# (Web based application development Visual Studio), SQL, MySQL, MongoDB, HIVE for database management, C/C++, PHP, CakePhp, AJAX, JSON, Postman, OpenAPI (Swagger) tool, Linux, powershell, GitHub, JIRA, BitBucket (daily scrum, sprint review and planning), Microsoft Suite, strong verbal, written communication skills

## PROJECTS EXPERIENCE

- **EQUIST - Equitable Impact Sensitive Tool (UNICEF) - <https://equist.info/#/>** - Updated technology stack to Angular, worked on CMS setup for admin, handled complex queries for databases for this platform which is used to facilitate decision makers' development of equitable strategies to improve health of vulnerable women and children.
- **SAFERROADS (City Intervention in India) - <https://saferroads.in/>** - Built dashboard to analyze road accidents and fatalities in black spots of India and integration of highcharts and google maps for demonstrating data for this platform which is an initiative led by AB InBev (Anheuser-Busch InBev) to make Gurugram's roadways safer through data-driven initiatives and constructive behavioral change.
- **A.P.S.H.W.P (Andhra Pradesh School Health and Wellness Programme) - mobile application** - Created modules in Flutter for this program that was rolled out during a challenging period amidst the COVID-19 to implement teachings through modules, resources and with quizzes and polling, the children's activities were continuously tracked.

## EDUCATION

### Centennial College (Progress Campus)

2024

Post Graduation in Mobile Application Development, 4/4

### Humber College

2023

Post Graduation in Web Development (Co-op), 4/4

### Guru Gobind Singh Indraprastha University

2020

Bachelor of Technology in Information Technology, 84.2