

# RAHUL AGRAWAL

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## ACADEMIC PROFILE

Year	Qualification	Domain	Institute	Percentage
2019	B. Tech	Information Technology	SRM Institute of Science and Technology, Kattankulathur	86.05
2015	Senior Secondary	Science (CBSE)	Krishna Public School, Bhilai (Chhattisgarh)	84.60
2013	Secondary	Science (CBSE)	Krishna Public School, Bhilai (Chhattisgarh)	91.20

## PROFESSIONAL EXPERIENCE

• **DevOps Engineer** Siemens Healthineers (Bengaluru, India) Jan 2019 - Current

Domain	<ul style="list-style-type: none"><li>Knowledge in CI (Continuous Integration), CD (Continuous Deployment), Agile, Kanban, and Scrum framework of software deployment.</li><li>Modern web-development dashboards using Telerik, ASP.Net, JavaScript, HTML5, CSS and NuGet.</li><li>Practical knowledge of Git, C#, PowerShell automation, TFS scripts, and Python applications.</li><li>Define, collect, and report metrics that measure the progress and performance of the build and test infrastructure of multiple releases and projects.</li><li>Experienced with building tools, dashboards, and processes to improve developer productivity.</li></ul>
Roles & Responsibilities	<ul style="list-style-type: none"><li>Working on cloud applications using web-services (WCF/WPF/Web API) and developing automated tools using TFS APIs and PowerShell.</li><li>Managing TFS builds and releases.</li><li>Automated Media Creation process from 9 hours to 4 hours using PowerShell and TFS Release.</li><li>Debugging and troubleshooting complex code, determining root cause, and fixing build issues.</li></ul>

## PROJECTS

Academic	<ul style="list-style-type: none"><li><b>Schooly Bus Tracking App (Android)</b> : Developed an android app with live location sharing and tracking using dynamic Google Maps API and implemented on the school bus. Integrated with Google Firebase NoSQL database that synchronizes data on a real-time basis over the cloud.</li></ul>
Internship	<ul style="list-style-type: none"><li><b>Intercommunication of the different campus network and access control (Networking)</b> : Using network switching and user authentication enhanced the functioning of the existing network of Bhilai Steel Plant.</li><li><b>Automated Test Results Dashboard</b> : Generate and analyzed automated test case results and displayed on the live dashboard for Ultrasound systems in Siemens Healthineers.</li></ul>
Freelance	<ul style="list-style-type: none"><li><b>WhatsApp Saver (Android)</b> : Designed an android app integrated with a notification listener which filters out unknown numbers and saves them with current DateTime. Export to CSV plugin was added for future analysis.</li><li><b>Store DB (Android)</b> : Created an application with the latest material design UI and SQLite functionality which manages complicated store transactions of the Spicer India Pvt Ltd.</li></ul>

## PROFESSIONAL QUALIFICATION & CERTIFICATION

Year	Certification	Institute
Oct 2017	Python	Coursera (University of Michigan)
Oct 2016	Introduction to Modern Application Development	IIT Madras
Aug 2016	Cloud Apps Development and Deployment using Google App Engine with Hands-on Training	Workshop in SRM

## TECHNICAL SKILLS

Programming	C++, C, C#, Java, Python, SQL, Android, ASP.Net, XML
Tools	PowerShell, TFS, TFS APIs, Git, Telerik, NuGet, Microsoft IIS
Operating System	Windows, Linux

## ACHIEVEMENTS & ACTIVITIES

- Received Prime Minister's Trophy Scholarship (4 yrs.) for outstanding performance in XII in 2015-2018 (Bhilai Steel Plant).
- Received Letter of Appreciation from Spicer Pvt Ltd for minimal Android app development (Store DB).
- Appreciation from technical head and manager on automating the Media Creation process from 9 hours to 4 hours.

## OTHER INFORMATION

Language – English, Hindi, French

IELTS – 6.5 (Listening-7, Reading-6.5, Writing-6, Speaking-7)