MUDIT KUMAR SAINI
Senior Software Engineer

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Working as **Senior Software Engineer** in **Samsung Semiconductor Research India(SSIR)**. In total, I have **2+ years** of industrial work experience. Currently looking for full time opportunity in web development(Full stack/backend).

EDUCATION

Completed
July 2018
M-Tech, Data Science
IIIT-Bangalore
CGPA : 8.125/10 (3.2 / 4)
Bangalore, Karnataka

Completed
Jun 2014
B-Tech, CSE
Government Engineering College
Percentage: 70% with honors.
Ajmer, Rajasthan.

Completed
Mar 2009
10+2
TPS
Percentage: 74%
Jaipur, Rajasthan

ENGINEERING/TECHNOLOGY

• **Languages:**
 C, Java, Python, Shellscript.

• **Web Technologies:**
 HTML, CSS, Javascript, Jquery, Ajax, Bootstrap, Nodejs, React
 REST, Spring, Hibernate and Jersey.

• **Database:**
 MongoDB, Mysql.

• **Tools:**
 Eclipse, Sublime, Atom and Notepad++

• **Cloud Deployment:**
 AWS, Mongo Atlas, Docker.

• **Version Control:**
 GIT.

SKILLS

• Algorithms and Data Structure.
• Object-Oriented Design.
• Design Patterns.
• Full-stack Development.
• Debugging.

PERSONAL INTERESTS

• Stretching
• Guitar
• Mythologies
• Badminton
• Cricket
• Browsing

PERSONAL INFORMATION

• Gender: Male
• Nationality: Indian
• Hometown: Jaipur

WORK EXPERIENCE

Sept 2018
Current
Senior Software Engineer
Samsung Semiconductor Research India
Bangalore, Karnataka

Develop, design and deploy web solutions.
Write clean and modular code. Maintain/update existing products. Analyse risks and make plans forehand. Quickly fix bug. Do code reviews. Come up with unit cases for assigned services. Take care of secuirty issues.

July 2018
Sept 2018
Software Engineer
Qualcomm
Bangalore, Karnataka
Worked on lower layer implementation for Bluetooth. Verify bluetooth stack functioning. Bug fixing.

June 2018
Jan 2018
Student Trainee
Samsung Semiconductor Research India
Bangalore, Karnataka
Optimization of Bokeh effect, using parallel programming, vectorization and OpenCL.

PROJECTS

Project	SOC Manager
Frontend:	Bootstrap,Javascript,HTML/CSS,Jquery
Backend:	Nodejs,Mysql
Container	Docker
Deployment:	Linux Server,Docker

- Developed SOC Catalogue Service which create profiles for each soc, which have details regarding various different components along with available software versions and parent SOC details.
- Developed Dev Tracker service which tracks device development in both hardware and software phases.
- Implemented Device Reservation Service which tracks states of device and its history of use along with flashing history.
- Implemented Client Release Service which keeps track of client software tags for each device versions.
- Implemented User authentication service using JWT.

Project	Android CTS Reporter
Frontend:	HTML/CSS
Backend:	Java, Hibernate,Jersey
Architecture:	Rest

Redesigned reporter service. Added history feature for each SOC so to track change list between two android version releases.

Project	MealAnalyser
Frontend:	Bootstrap,jquery,HTML/CSS
Backend:	Nodejs,Mongo Atlas,
Architecture:	Rest
Deployment	AWS,docker
Security	SSL,recaptcha

https://mealanalyser.com is my hobby project which will help in analyzing food nutrition. Motivation behind this was to learn hosting.