

Rahul Sangwan

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| EDUCATION | M.Tech in Computer Science and Engineering, First Year 2018 - 2020 Deenbandhu Chhotu Ram University of Science and Technology, Haryana |
| | B.Tech in Computer Science and Engineering 2013 - 2017 Guru Jambheshware University of Science Technology, Haryana |
| | High School - University Campus School MDU Rohtak, Haryana (CBSE) 2012 - 2013 Secondary School - St Paul Bharati Public School Rohtak (CBSE) 2010 - 2011 |
| TECHNICAL SKILLS | Interested Areas - Low-Level programming, Binary Exploitation, Sys-internals, Reverse engineering Languages - C, Python, Java, C++, Javascript, L ^A T _E X, Shell Script, HTML/CSS, x86 Assembly Tools - Git, gdb, IDA Pro, Vim, Mongodb, GNS3, VMware Workstation, Photoshop CC, FASM Libraries/Frameworks - Bootstrap, JQuery, Semantic-UI, STL, node.js, ExpressJS Technologies - Wireless Sensor Networks, Blockchain |
| EXPERIENCE | Subject Matter Expert Intern, Evelyn Learning Sys Pvt Ltd, New Delhi 2 Months Worked with Coursehero and Chegg projects team as subject matter expert in the field of object-oriented programmings, network security, Assembly language of multiple architecture. |
| RELEVANT COURSES | Data Structures and Algorithms, Operating System, Photoshop, Unix Programming, Advance Computer Networks, Databases, Automata Theory, Information Security, Java Complete Reference Udemy, CCNA Routing Switching, CCNA Security, Python Udemy, Discrete electronics, Computer Architecture, Web Developer Bootcamp Udemy |
| SELECTED PROJECTS | All projects available on git : https://www.github.com/rahulsangwn <ul style="list-style-type: none">• Online Marketplace :Web application for viewing and posting ad for buy and sell of goods. The site use Express.js web application framework and Node.js javascript runtime. It is responsive site made using bootstrap for index page and semantic-ui for rest of pages. Site Uses Embedded JavaScript templating and mongodb for database. Some npm packages like body-parser, mongoose, passport etc are also used.• Crypto Coin :Created Blockchain using Python. Flask python framework is used to interact with the blockchain. It is an ongoing project so features like Distributed peer-to-peer, Consensus Protocol, Smart Contract will be added in future.• CSV to SQLite - Java Project to copy the data form csv(comma-separated values) file and adding into the SQLite Database in structured format using the Buffered Reader.• Campus Network Mimic : Design and configure a working network in GNS3 with Cisco IOS images of Routers, Switches, ASA Firewall. Implemented DHCP relay, IPv6 support and Network Address Translation on routers. Also integrated and implemented DHCP server roll and DNS server roll using Microsoft Server 2012 R2 with the help of Virtual Box.• API Endpoint :Created API endpoints using NodeJS and ExpressJS for the Signup, Login, Create User Profile (After Login), View User Profile (After Login). Used MySQL Database for storing data, Bcrypt for hashing, PassportJS to setup local authentication. |

HOBBIES Traveling, Watching Documentaries, Plantation

MORE **Github** - <https://github.com/rahulsangwn/>
Linkedin - <https://www.linkedin.com/in/rahulsangwn/>
Quora - <https://www.quora.com/profile/Rahul-Sangwan-6>