

HRITTIK BHATTACHARJEE (Full-Stack Web Developer)

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Contact of previous employers for referral:

Rahul Tyagi (Co-Founder, Lucideus Technologies): rahul.t@lucideustech.com

Munesh Ahuja (Global Delivery Head, Network Intelligence (India) Pvt. Ltd): munesh.ahuja@niiconsulting.com

PROJECTS AND RESEARCH:

SWAVE – A Blockchain-based Cryptocurrency in JavaScript [Link Code]	2019
<ul style="list-style-type: none">The API offers functionality to create Wallets, make transactions, implements Proof of Work for mining blocks of transactions from the Transaction Pool and implements SHA256 hashing and Chain validation & replacement.The Front-end allows interacting with the blockchain system through various API calls.The application supports up to 1000 peer nodes through a Pub-Sub architecture.Node.js, Express, React	
WHERE DEVS DEV – A Curated Tech News Feed [Code]	2019
<ul style="list-style-type: none">A CRON job causes Server to communicate with various News APIs and load articles into a Pre-Review collection.Articles are sent to and approved by admins via a Telegram Bot, approved articles are loaded into a Post-Review collection and a JSON API endpoint is served for the Front-End Client to communicate with.Node.js, Express, MongoDB, React, React Router	
WETAKK – A Forum to Connect and Communicate with Friends & Family [Link Code]	2019
<ul style="list-style-type: none">Server implements authentication & authorization, creates and stores user data and messages.The Front-End allows users to login/sign up, post updates to and view posts sent by other registered users.Node.js, Express, MongoDB, React, Redux	
TALK AT YA [Link Code]	2019
<ul style="list-style-type: none">A Chat Application utilizing Web Sockets for users to create/join Chat Rooms and get the conversation going.Node.js, Socket.io, jQuery	
Algorithmic Trading in Python [Code]	2019
<ul style="list-style-type: none">Programs to demonstrate quantitative finance and trading algorithms using Python, including Sharpe-Ratio Portfolio Optimization, CAPM, Pairs Trading Algorithm, Bollinger Bands Trading Algorithm, etc.Python, NumPy, Matplotlib, Pandas, Quantopian	
Web Security Challenges in Node.js Applications [Link]	2018
<ul style="list-style-type: none">Published: International Journal of Emerging Technologies in Engineering Research (Vol. 6, Issue 5).Addressed potential attack vectors on a Node.js web application and discussed how they can be prevented.	

WORK EXPERIENCE:

Cybersecurity Analyst - Team Lead	02/2019 to 09/2019
Network Intelligence (India) Pvt. Ltd.	Mumbai, India
<ul style="list-style-type: none">Lead and managed the IT Security Process for a major Bank. Presented MIS reports to management.Executed Web/Mobile App Security, Network VA/PT, Config Audits & Source Code Review Assessments.	
Intern – InfoSec Trainer & Analyst	10/2018 to 12/2018
Lucideus Technologies	Delhi, India
<ul style="list-style-type: none">Imparted classroom and corporate training in hacking and securing web applications and networks.Implemented significant changes and improvements in course curriculum, outreach and delivery.	

EDUCATION AND CERTIFICATION:

Certified Ethical Hacker (CEH v10)	2018	Certificate in Core Java	2018
EC Council		SRM Axis Intellects	Chennai, India
CCNA Routing & Switching	2018	Class 12 (ISC)	2014
CISCO		St. Xavier's Collegiate School	Kolkata, India
B. Tech – Computer Science and Engineering	2018	Class 10 (ICSE)	2012
SRM Institute of Science & Technology	Chennai, India	St. Xavier's Collegiate School	Kolkata, India