Rishab Lamba

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EDUCATION

UNIVERSITY OF ILLINOIS CHICAGO
MS in Computer Science
August 2021 - May 2023
Chicago, USA

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING
B.Tech in IT
August 2016 - June 2020
Delhi, India

LINKS

Portfolio:// rlamba.com
Github:// rikki407
LinkedIn:// rishab-lamba

SKILLS

PROGRAMMING
Over 10,000 lines:
ReactJS • Redux • Javascript • NodeJS • MongoDB • THREE JS • Python
Over 5000 lines:
React Native • F# • Bootstrap • jQuery • LaTeX • Ethereum • Hyperledger Fabric
Familiar Tech:
Android • Java • MySQL • C++

PROJECTS

Three JS Projects ⬈ A collection of animated 3D graphic websites created using WebGL.
EthIndiaProject ⬈ converting Digital Media (Music, PDF, videos, images etc) into ERC-721 tokens so that the content can be used as "Currency" on the blockchain network.
Lambazon ⬈ A simple amazon clone
Decentralized Health Record System ⬈ to decentralize the health records of the patients using Hyperledger Fabric.

COURSES

CERTIFIED
Web Development Coding Blocks
Data Science Udemy
Python Udemy
React Native Coding Ninjas
Blockchain Udemy

EXPERIENCE

AIRLEARN | Software Engineer
January 2021 - July 2021 | React-JS, Node-JS, HTML, CSS, Python
- Led the front-end development team for the core E-Learning platform at Airlearn
- Reduced the production build size of the website by 77%.
- Managed recruitment for the front-end team by conducting interviews
- Migrated the existing code-base to use Redux & Thunk
- Introduced and implemented Redux-Toolkit for efficient code management.
- Worked on the video conferencing app of Airlearn and improved it's user experience and design.
- Worked on improving the UI of the mobile application (React Native)
- Developed custom Redux Middleware to perform RESTFUL services.
- Introduced React Transition Group & React-Spring to implement fluid component transitions and animations
- Applied optimization techniques to reduce component re-renders.
- Used Tesseract OCR to detect and extract native Indian languages from images.

DIGITAL WEB DEVELOPERS | Software Engineer
Jan 2020 - December 2020 | React-JS, Node-JS, HTML, CSS

TECH MAHINDRA | Software Engineering Intern
June 2019 - August 2019 | React-Native

SURVEY OF INDIA | Software Engineering Intern
January 2019 - May 2019 | Node-JS, HTML, CSS

KIRAYEPAY | Android Development Intern
August 2017 - October 2017 | React-Native, Node-JS

OPEN SOURCE SOCIETY: PAYTM - BFI | Chairperson/Founder
April 2018 - April 2019 | BVCOE

AWARDS

Year	Place	Description
2020	Best Student	Bharati Vidyapeeth's College Of Engineering (2016-20)
2020	1st Place	Smart India Hackathon 2020 (Internal)
2020	Selected	IITB Research Internship Award
2019	1st Place	Smart India Hackathon 2019 (National)
2018	1st Place	EthIndia Hackathon
2018	1st Place	Nasscom : Paytm - Build For India Hackathon
2018	1st Place	Hack In the North 3.0 - India's Biggest Student Hackathon
2018	3rd Place	Hash Hacks 2.0

PUBLICATIONS

[1] S. Kalra, R. Lamba, and M. Sharma. Machine learning based analysis for relation between global temperature and concentrations of greenhouse gases. 2020.

[2] R. Lamba, Y. Gupta, S. Kalra, and M. Sharma. Preventing waiting list manipulation and black marketing of donated organs through hyperledger fabric. IEEE, 2019.

[3] S. Lamba and R. Lamba. Spiking neural networks vs convolutional neural networks for supervised learning. IEEE, 2019.

[4] M. Singh and R. Lamba. Proposing contextually relevant advertisements for online videos. Springer, 2019.