

Raushan Kumar

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EDUCATION

Galgotias Universities,

2022-2024

Master in Computer Application, (WEB SECURITY & NETWORKING) CGPA: 8.

WORK EXPERIENCE

PropertyLoop

August 2022 – Present

Software Engineer

- Working on client management portal for property agents
- Built real time **hubspot integration** module using **Nest js** and **azure functions**

Google Summer of Code

May 2022 – Sept 2022

Student Developer (Drupal Association)

- Implemented modules for **real time analytics** and future growth predictions of the farm using **scikit-learn** and **chart.js**
- Built **flask** API's for data processing and containerized the application using **Docker**

Solana Labs

May 2022 – August 2022

Software Engineer Intern

- Implemented **Jupiter swap module** and **connect wallet functionality** in the solana explorer using **Next js** and **Typescript**
- Built API's for **rpc node map** using **Rust** and **anchor**

Capital Placement

March 2022 – July 2022

Software Engineer Intern

- Implemented multiple modules such as **job postings**, **email verification** and **authentication** for employers, Interns and account managers using **React** and **javascript**
- Leveraged multiple backend **REST** api's for frontend integration
- Implemented backend API's for authentication and job postings using **Node js**

Voxel

Nov 2021 – Jan 2022

Software Engineer Intern

- Implemented **API's for Fetching, Parsing and Pushing data** for the new Data labeling Platform
- Worked with **GCP** for **data management** and wrote scripts for **parsing video data**.

ReachTheTop.io

May 2021 – May 2022

Software Engineer Intern

- Effectively enhanced system efficiency by **35%** by reducing API calls through **State Management** via **Redux**
- Enhanced systems scalability by **47%** by implementing microservices through **Nest js** and **Rabbit MQ**

PROJECTS

Metameet – [GitHub](#) | [Deployment](#)

- Built an fully functional **gesture enabled** video calling and community bonding application using **Next js**, **Node js** and **webRTC** and **Socket.io**
- Implemented unique features such as **hate speech detection** and **speech recognition** with **tfjs**.
- The app has **13+** stars on github and **25+** registered users

PaySafe - [GitHub](#) | [Deployment](#)

- Built an fully functional fundraising application application using **Next js**, **Node js** and **solidity**.
- Integrated unique features such as **voting power for investors** and **automatic profit** distribution through **ethereum smart contracts**.

TECH SKILLS

Programming:	Java, Python, JavaScript, Typescript, C++
Databases:	MySQL, MongoDB, PostgreSQL, Redis, Firebase
Frameworks:	React, Next js, Vue, Redux, Nest js, Node js, Flask, Django, Tailwind, React Native, Flutter
Other Tools:	Git, CI/CD, Linux, Docker, Postman, Webpack

OPEN SOURCE CONTRIBUTIONS

Amazon Web Services – [PR link](#)

- Enhanced **AWS-redshift-drivers** by implementing new **bulk insertion feature**.
- The new implementation enhanced efficiency of bulk query by **65%**
- The feature Got **officially** released in the **v2.0.904** of AWS in February 2022.

Mephisto (Facebook Research) – [PR link](#)

- Enhanced user experience by **automating updatatons** of colliding **MTurk credentials**
- Fixed **EC2Architect** failure mode by improvising **credential and safety checks** for already in use subdomains.