

# HARSH KUMAR

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## EDUCATION

**Department of Computer Science, University of Delhi**

August 2019 - May 2022

*Master of Computer Applications*

*CGPA: 8.0*

**Trinity Institute of Professional Studies, GGSIPU**

August 2016 - May 2019

*Bachelor of Computer Applications*

*CGPA: 8.3*

## EXPERIENCE

**Full-Stack Developer**

January 2022 - December 2022

*Fincopter*

- Developed frontend using Angular framework
- Developed Rest API using ExpressJs
- Built authentication module for employees
- Built a Content Management System using WYSIWYG editor
- Implemented admin panel for backend operations
- Implemented caching using Redis cache

**Web Development Intern**

February 2020 - August 2020

*OneWorldLearners*

- Developed frontend using Angular 8
- Implemented authentication using JWT
- Optimized application using caching
- Handeled deployment on google cloud

## PROJECTS

**RESUME BUILDER** | *MongoDB, ExpressJs, ReactJS, NodeJs*

- Developed a full-stack web application using ExpressJs serving a REST API with React as the frontend
- Implemented authentication using JWT
- Implemented state management using Redux
- Deployed frontend on netlify and backend on heroku

**DUCS PLAYBOOK** | *ReactJs, Firebase*

- Developed an unofficial website where students can learn about department
- Handled user authentication and form data collection using Firebase.
- Implemented download feature usign which students can download study material in PDF format.
- Handeled deployment on Firebase

**GALAXY SHOOTER 2D** | *Unity Engine*

- Built a simple 2D shooting game developed using Unity Game Engine
- Implemented scripts for gameplay
- Implemented post processing effects into the game for UI enhancement.
- Added touch controls for mobile platforms.

## SKILLS

**Languages:** C/C++, Java, Python, JavaScript, TypeScript

**Frameworks/Libraries:** ReactJs, Redux,,Next.js, Angular, ExpressJs, Django, Bootstrap, Material UI

**Database:** MySQL, PostgreSQL, MongoDB

**Others:** Git, NPM, Webpack, GraphQL, Docker, Kubernetes, AWS, Unity