# Naveen Kumar

B.Tech – Computer Science & Engineering - IIT, Dhanbad

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## EXPERIENCE

### Arista Networks, Bengaluru —Software Engineer Intern

MAY 2019 - JULY 2019

- Worked on Cloud Vision Portal(CVP) Infrastructure, a turnkey solution for automating network operations written in Golang
- Designed firewall configuration rules schema for various components of CVP making firewall rules dynamic
- Wrote tests to prevent the collision of firewall ports

### Chaze — *Co-Founder and Software Developer*

OCTOBER 2018 - AUGUST 2019

- Worked on a hyperlocal e-commerce startup that aims to accelerate the establishment of local businesses online
- Designed and developed the backend, DevOps and data mining infrastructure using Node.JS, MySQL and AWS
- Built Infrastructure to predict similar products and show recommendations using elastic search

### AOSSIE — *Google Summer of Code Participant*

April 2018 - August 2018

- Developed and improved the build process of carbon footprint extension
- Migrated the source code and modified tests and tools to use the latest version of JavaScript (ES6)
- Added support to calculate the carbon footprint of railways and buses worldwide
- Improved settings page of the extension

### Webpack — *Open Source Contributor and Member of webpack Organisation*

February 2018 - Present

- Worked on improving parser of webpack compiler
- Converted stats into pluggable API along with improving documentation for the latest release

## PROJECTS

### Gravity Game— *https://nveenjain.github.io/gravity*

- An infinite game where the user needs to maintain a balance between planets and stars using powers of gravity
- Developed using Service Workers, PWA (Progressive Web App), and Canvas API.

## EDUCATION

### Indian Institute of Technology (ISM), Dhanbad — *B.Tech, Computer Science*

JULY 2016 - MAY 2020        **CGPA – 8.79**

## SKILLS

- **Programming Languages :** C++,Golang ,JavaScript Node.JS
- **Cloud computing solutions :** AWS
- **Database :** MySQL, MongoDB, ElasticSearch

## Activities

- **CyberLabs Winter of Code:-** Invited open source organisations to participate in CyberLabs Winter of Code v1.0 and allocated mentors to fresher students regarding open source.

## POSITIONS OF RESPONSIBILITY

- **Secretary** at CyberLabs- The official cyber and coding club of IIT(ISM) Dhanbad.

## Volunteering Positions

- **Open Source Contributor** at Babel, an open-source JavaScript transpiler used to convert ES6+ code into a backward-compatible version of JavaScript
- **Google Summer of Code Mentor** at AOSSIE, an Australian not-for-profit umbrella organization for open-source projects.
- **Director of Devops** at AOSSIE, an Australian not-for-profit umbrella organization for open-source projects. Currently, responsible for setting up continuous integration and continuous deployment processes for all products of AOSSIE and setting up accounts and tool integrations that will make AOSSIE's daily task automated