

Kumar Shantam

krshantam973@gmail.com | +1 (408) 5166732 | San Jose, CA | [LinkedIn](#) | [Portfolio](#) | [Github](#)

EDUCATION

Sofia University

Master of Science in Computer Science; Major in Data Science

- Cumulative GPA: 3.9/4.0.
- Relevant Coursework:

March 2021

Palo Alto, CA

Birla Institute of Technology

Bachelor of Engineering; Major in Electronics and Communications

- Cumulative GPA: 3.4/4.0; Team Lead and Organizer at Robotics Club.

June 2018

Mesra, India

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript (ES6), Java, C, HTML, CSS (SCSS, SASS), TypeScript, SQL (MySQL, PostgreSQL)
- **Cloud:** AWS (EC2, S3), Google Cloud Platform
- **Prototyping:** Adobe XD, Figma, Framer
- **Frameworks:** React (Redux), Webpack, Babel, Next.js, Express, D3.js, Anime.js, GSAP, Semantic UI, Tailwind CSS, Material-UI
- **Server scripting:** Node.js, GraphQL, Apollo, Django (Rest API), PHP

PROFESSIONAL EXPERIENCE

Machine Learning Developer

IdeaXDesign

Aug 2020 – Dec 2020

Rhode Island, US

- Bolstered a team of 5 engineers practicing **agile** workflow to develop and deploy the company's Neunet platform, a platform that leverages **Natural Language Processing** for an unbiased and efficient bidirectional job matching using clustering, Predictive Modeling, regularization, structured query generation and **Named Entity Recognition** (82% accuracy over a test set of 5000 resumes from various concentrations).
- Deployed Proof of Concept (POC) using **Django, Docker, AWS: EC2, S3** buckets for storing resumes, **Semantic UI** and **MySQL**.
- Represented the technical team in meetings with potential 'Pilots' to showcase the Neunet architecture and performance and secured an investment of 25,000 USD from South Park Commons.

Software Developer

TradeBrains Pvt. Ltd.

Jul 2018 – Jun 2019

Bangalore, India

- Actively participated in sprints and successfully implemented the project following scrum agile practice. Involved in all phases of SDLC and SEO for 10+ high-competition keywords to increase traffic by 21%.
- Designed reusable UI components in **Adobe XD**, enhanced User Experience using **Material-UI, D3.js** visualizations, **PageSpeed Insights** to enhance website loading time and **Webpack** to preprocess and minify TypeScript and SASS files.
- Overhauled the obsolete legacy source code of two production applications, resulting in increased usability and reduced run time performance by 50%.

TECHNICAL PROJECTS

Official Website: Designed and deployed the official website for Rainbow Kids A Play School, Bihar, India using **Figma** for prototyping, **Tailwind CSS, HTML, Anime.js, Barba.js** and **PHP**. Payment gateway was implemented using a third-party service (Pay U Money) for the student application portal. (<https://www.rainbowkidsbgp.com/>)

Subs-T: Architect-ed a Full Stack Serverless **JAMstack** application to track a user's subscriptions using **Next.js, Airtable, OAuth0** and **Tailwind CSS**. (https://github.com/kumarshantam99/subscriptions_tracker)

Official Website: Debugged and Redesigned the official website for NSI Consultants, an investing firm assisting NGOs and Businesses in Johannesburg, South Africa. (<https://nsiconsultants.com/>)

Discover-Toons: Devised a Full Stack social media application for users to read, share and create anything related to cartoons and/or anime with **JSON web token, GraphQL, Firebase Authentication, Redux, GSAP** animations and **MERN** as the tech stack. (<https://github.com/kumarshantam99/Toons-Gram>)