

# SARANG NAGPAL

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## SKILLS & ABILITIES

**Web Development** : React, Node, Express, API, Web Encryption

**Machine Learning and Data Science** : Python, Tensorflow, Keras, pandas, numpy

**DataBase** : MongoDB (NoSQL), MySQL

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## EXPERIENCE

### Software Development Engineer Intern

Amazon

May 2022 – July 2022

- Configured a stress testing mechanism for one of the busiest backend service in Amazon Pay UPI
- Evaluated the Resilience of the service and improved the experience by reducing potential downtimes

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## PERSONAL PROJECTS

### Web Portfolio

|| [Live](#) ||

- A simple and clean portfolio webpage to demonstrate the projects, experience and skills

### NeuroEvolution FlappyBird

|| [Github](#) | [Live](#) ||

- Built a clone of the famous game Flappy Bird using p5.js **Computer Graphics** in JavaScript.
- Added the ability for the game to teach itself to play using standard **Genetic Algorithm** and **NeuroEvolution**.

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## EDUCATION

### B.Tech - National Institute of Technology, Warangal

2019 - 2023

Electronics and Communication Engineering

**CGPA – 7.3**

- Problem Solving using Computer Programming
- Data Structures and Algorithms